

AC. 44851



The Health of Blackburn 1973



COUNTY BOROUGH OF BLACKBURN

Annual Report on the Health Service for the year 1973

J. ARDLEY, M.B., B.S., D.P.H.,
Medical Officer of Health

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HEALTH COMMITTEE

The Mayor

DR. DAVID B. MURRAY

Aldermen

EDWARDS

HENSHALL (*Ex-Officio*)

LOMAX

YATES

Councillors

BARKER

LEWIS

BRAMWELL

MARKHAM

BURY

SMITH E. (*Vice-Chairman*)

CONWAY

TAYLOR (*Ex-Officio*)

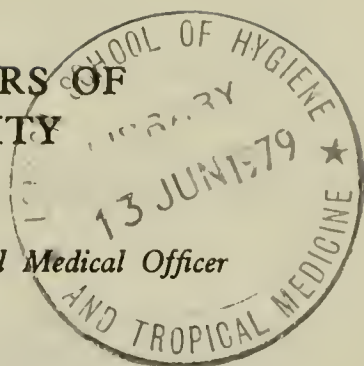
DAWSON (*Chairman*)

WEST

GEDDES

WHITE

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY



Medical Officer of Health and Principal School Medical Officer

J. ARDLEY, M.B., B.S., D.P.H.

Deputy Medical Officer of Health and School Medical Officer

P. A. GARDNER, L.H.A. (DUBLIN) D.P.H.

Assistant Medical Officers (full time)

BERYL L. SEPHTON, M.B., Ch.B., D.P.H.

SARAH N. JOSEPH, M.B., B.S., D.R.C.O.G., D.P.H.

S. DATTA, M.B., B.S., D.G.O., M.R.C.O.G.

C. MUKHERJEE, M.B., B.S., Diploma in Anaesthesia

Assistant Medical Officers (part-time)

M. M. THIERENS, M.B., Ch.B.

J. HANDLEY, M.B., B.S.

S. V. JOSHI, M.B., B.S., D.C.H.

R. PENDLEBURY M.B., Ch.B.

P. H. STEWART, M.B., Ch.B.

P. N. RAMPAL, M.B., B.S.

P. RUSSO, M.B., Ch.B., D.Ch. to April

F. LIVESEY, B.Sc. M.B., Ch.B.

Part-time Consultant Medical Officers

J. EVANS M.D., F.R.C.S. (Oto-Rhinology)

P. R. STEVENS, M.R.C.S., L.R.C.P., D.O. (Ophthalmology)

D. M. SOMERVILLE, M.B., Ch.B. (Ophthalmology)

R. STALKER, M.D. (Consultant Chest Physician)

Dental Officers

J. RIGBY, L.D.S. (Principal Dental Officer)

J. GREGSON, B.D.S.

BURKE MRS. L. G. (*part-time*)

Public Analyst (part time)

A. C. BUSHNELL, F.R.I.C., M.Chem.A.

<i>Director Nursing Services</i>		Miss H. GRUNDY S.R.N., S.C.M., Q.S., H.V.Cert.
<i>Deputy Superintendent Nursing Officer</i>		Miss M. E. THOMAS, S.R.N., S.C.M., Q.S., H.V.Cert. to March.
<i>Area Nursing Officer (Education and Training)</i>		Mrs. M. WILSON
<i>Area Nursing Officer (West)</i>		Miss A. O'CONNELL
<i>Area Nursing Officer (East)</i>		Mrs. O. SOUTH
<i>Nursing Officers</i>		Mrs. J. GREGORY Mrs. T. A. WILD Mrs. U. M. PENNY Miss C. M. HAYES
<i>Chief Public Health Inspector</i>	abc	C. AINSWORTH
<i>Deputy Chief Public Health Inspector</i>	abc	R RILEY
<i>Public Health Inspectorate</i>		
Sampling Officer	abe	T. G. MARSDEN
Senior Meat Inspector	ab	E. DUERDEN
Factories & Smoke Abatement Officer	aci	J. PYE, A.I.Plant.E.
Senior Housing Inspector	a	F. FORREST
Shops and Offices Inspector	a	N. MORRIS
Senior District Inspector	ab	J. EDDLESTON
District Public Health and Assistant Meat Inspectors		7
Technical Assistant (Housing)		2
Technical Assistants (Smoke Control)		4
Pupil Inspectors		4
Rodent Operators		4
Disinfectors		2
Driver		1
<i>Health Visiting and Clinic Nursing</i>		
Health Visitor/School Nurses		24
Student Health Visitors		4
Clinic Nurses (including part-time)		24
<i>Midwifery Service</i>		
Midwives (including part-time)		9

Home Nursing Service

District Nurses :

Full-time (including 1 male nurse)	26
Part-time	10
State Enrolled Nurses	2

Physiotherapy

Senior Physiotherapists

Mrs. S. E. STANDEN
Mrs. B. J. LAMBERT

Chiropody

Chiropodists

J. POLLARD, M.Ch.S.
P. L. FOXCROFT, M.Ch.S.
C. I. HUNT, M.Ch.S. (to Aug.)
Mrs C. HUNT, M.Ch.S.

Occupational Therapists

Mrs. S. PRICE, M.A.O.T.
Miss C. YATES (from Aug.)

Orthoptists :

Mrs. M. Snape, D.B.O.
Mrs. S. PRESTON (to May)
Mrs. P. A. JENNISON (Part-time)
Mrs. S. C. ROME (from June)

Speech Therapists:

Mrs. J. KNIGHT (part time)
Mrs. R. M. BANKS (From Jan.
part time).
Mrs. E. Y. HOPE (from April)

Dental Attendants :

Senior Dental Attendant Attendants

Miss L. E. Walsh
3 (two part-time)

Audiometrician :

E. Townson
Mrs. P. Iveson

Educational Psychologists :

Mrs.H. R. MACDONALD, M.A.,
A.B.Ps.S.
A. M. SAPSFORD, B.Sc.
Mrs. P. M. HAWORTH (from Sept)

Psychiatric Social Worker :

Mrs. K. RYDEN (Part-time) B.Sc.,
(H. & S.S.)

Ambulance Service

Ambulance Officer Deputy Ambulance Officer Ambulance Personnel

N. H. LAKIN
L. LONG
44

Administrative and Clerical

Principal Administrative Officer	a	T. HODSON
Deputy Principal Administrative Officer	g	W. R. HINDLE
Snr. Administrative Assistant	g	A. J. SNAPE

Senior Section Officers

Secretary to M.O.H.		Mrs. B. J. THORNTON
Public Health Inspectorate	g	Mrs. O. ROPER (formerly CROSSLEY)
West Division	g	Mrs. C. M. TOPHAM
East Division	gh	F. CUMPSTEY (to October) Mrs. E. MARSHALL (from Nov.)

Clerical Staff, Receptionists and Telephonists

60

Miscellaneous

Attendants, Drivers	1
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Key to Qualifications not otherwise shown

- (a) Certificate of the Public Health Inspectors' Education Board
- (b) Certificate in Meat and Other Foods
- (c) Smoke Inspectors' Certificate
- (d) Certificate in Sanitary Science as applied to Buildings and Public Works.
- (e) Certificate of the Institute of Public Health and Hygiene
- (g) Local Government Clerical Division Examination
- (h) Diploma in Municipal Administration
- (i) Cert. Advanced Fuel Technology, C. & G. Lond. Inst.

Health District Central Offices,
Queen's Park Hospital,
Blackburn.
March, 1976.

Mr. Chairman, Ladies and Gentlemen,

This is my 15th Annual Report as Medical Officer of Health for the County Borough of Blackburn, the year under review being the last full year during which the Personal Health Services were administered by the Department of the Local Health Authority.

During this year an ever-increasing amount of time was spent by the Department's Senior Officers and myself working on various aspects relating to the preparation for National Health Service Re-organisation. Forty, one-week courses (half residential and half non-residential) were run in conjunction with the Technical College for First Line and Middle Line Management, involving Multi-disciplinary integration, and demonstration of the functions of Major and Satellite Health Centres.

During this period I was Chairman of the District Joint Consultative Committee and a member of the Area Joint Consultative Committee.

1973 saw the emergence of the definitive "Grey Book" prepared by the D.H.S.S. and relating to the future administration of the re-organised National Health Service.

I was personally concerned in the preparation of District Health Profiles which set out the details of the resources, services, man-power etc. of the new Blackburn Health Authority which was to cover the three Local Government Districts — Blackburn, Hyndburn and Ribble Valley.

Considerable time was spent in respect of contributions to the Area Health Profile of data relating to resources etc. of the new Lancashire Non-Metropolitan County. A further task which was over and above the day to day commitments of the Department was the preparation for the devolution of the Ambulance Service to Area Control. In this respect I must pay tribute to the then Principal Administrative Officer, Mr. T. Hodson, for the important role which he performed as Chairman of the Working Party.

As in the case of my Report for 1972 I seek to explain the very late production of this report by saying once again that the extraordinary demands made upon all Senior Members of the Department and myself were such that the preparation of the report has been continuously frustrated due to re-organisation of the National Health Service, prior and subsequent to the "Appointed Day" 1st April, 1974.

J. ARDLEY,
District Community Physician.

VITAL STATISTICS

VITAL STATISTICS

Area (in Acres)	..	..	..	..	..	8,080
Population (Census 1971)	..	..	..	..	..	101,816
„ (Estimated middle of 1973)	..	..	..	..	..	101,670
Rateable Value	..	..	..	..	..	£3,978,895
Sum Represented by a Penny Rate	..	..	..	..	..	£85,163
Rate in the £ (excluding Water), 1972/1973	..	..	..	..	..	55p

EXPENDITURE ON HEALTH TO 31.3.73.

	Expenditure £	Income £	Nett expenditure £
Health Services— 1946 Act Account	.. 576,978	.. 63,053	.. 513,925
General Account	.. 92,880	.. 5,612	.. 87,268

LIVE BIRTHS :

Legitimate	.. 1,519	Males ..	868	Birth Rate	16.8
Illegitimate	.. 188	Females	839	(England & Wales 13.7)	
Total	.. 1,707				

STILLBIRTHS :

Total 35	Rate per 1,000 total births and still births	20
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PERI-NATAL MORTALITY :

Total 60	Rate per 1,000 total births and still births	34.00
(i.e. Stillbirths and Deaths under one week).		Comparison with previous years :	1972—24.03
			1971—34.00
			1970—25.00
			1969—32.00
			1968—28.75

INFANT MORTALITY :

(i.e. Deaths under one year of age.)	Legitimate .. 40	Rate per 1,000 live births	Legitimate	26
	Illegitimate .. 5		Illegitimate	27
	Total 45		All	26

MATERNAL MORTALITY :

From Sepsis .. Nil.	Rate per 1,000 live and .. Nil.
Other Causes .. Nil.	still births

DEATHS :

Males 710	Death Rate per 1000 13.6
Females.. .. 841	(England and Wales) 12.0
<u>1,551</u>	

Percentage of deaths occurring in Institutions... .. 60.21%

Causes of Death,

During 1973 the chief causes of death were :

	<i>No. of Deaths</i>	<i>Rate per 1,000 population</i>
Ischaemic Heart Disease	387	3.80
Circulatory diseases	221	2.16
Malignant Neoplasms	262	2.57
Other diseases of the Respiratory System—Non-T.B.	21	0.20
Cerebro-vascular disease	194	1.91
Pneumonia	180	1.76
Bronchitis and Emphysema	78	0.77
Congenital Anomalies	11	0.108

Other Diseases of bodily systems, and group diseases to which death was assigned :

	<i>No. of Deaths</i>	<i>Rate per 1,000 population</i>
Peptic Ulcer	16	0.157
Renal System	5	0.059
Enteritis and other diarrhoea diseases (under 2 years)	Nil.	
T.B.—all forms	4	0.04
Infectious and infective diseases	1	0.009

CAUSES OF DEATH OF BLACKBURN RESIDENTS

during different periods of life, 1973

TABLE 1

CAUSE OF DEATH	Sex	Total all Ages	U'der 4 weeks	and under 1 year	AGE IN YEARS									
					1—4	5—14	15—24	25—34	35—44	45—54	55—64	65—74	75 +	
1. Enteritis and Other Diarrhoeal Diseases ..	M F	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..
2. Tuberculosis of Respiratory System	M F	3 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	1 ..	.. ..	1 ..	.. ..
3. Other Tuberculosis	M F	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..
4. Other Infective and Parasitic Diseases	M F	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..
5. Malignant Neoplasm, Buccal Cavity, etc. ..	M F	5 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	2 1	2 ..
6. Malignant Neoplasm, Oesophagus	M F	2 4	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	2 2	.. 1
7. Malignant Neoplasm, Stomach	M F	13 20	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	4 1	7 8	1 11
8. Malignant Neoplasm, Intestine	M F	16 27	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. 3	5 7	7 5	3 12
9. Malignant Neoplasm, Larynx	M F	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..
10. Malignant Neoplasm, Lung, Bronchus.....	M F	67 12	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..	1 ..	9 3	21 4	24 4	12 ..
11. Malignant Neoplasm, Breast	M F	.. 23	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 4	.. 1	.. 5	.. 9	.. 4
12. Malig. Neoplasm, Uterus	F	10	..	..	..	..	..	..	..	1	3	4	2
13. Malig. Neopm, Prostate	M	7	..	..	..	..	..	..	..	..	..	2	5
14. Leukaemia	M F	1 6	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	.. 1	.. 1	1 3
15 Other Malignant Neoplasms	M F	20 27	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2 ..	3 2	1 7	7 10	7 8
16. Benign and Unspecified Neoplasma	M F	1 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. 1
17. Diabetes Mellitus.....	M F	2 6	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1	.. 2	1 3
18. Other Endocrine, etc. Diseases	M F	.. 6	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 2	.. 2	.. 2
19. Anaemias	M F	1 6	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..	1 2	.. 3
20. Other Diseases of Blood	M F	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..
21. Meningitis	M F	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1
22. Multiple Sclerosis.....	M F	1 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..	.. ..	.. ..
23. Other Diseases of Nervous System, etc.	M F	2 2	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..	.. 1	1 1
24. Chronic Rheumatic Heart Disease.....	M F	6 13	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 ..	2 5	1 2	2 2	.. 4
25. Hypertensive Disease ..	M F	6 15	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	4 4	1 11
26. Ischaemic Heart Disease	M F	223 164	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	6 4	32 5	49 15	83 51	53 89

CAUSES OF DEATHS OF BLACKBURN RESIDENTS (continued)

CAUSES OF DEATH	Sex	Total all Ages	U'der 4 weeks	and under 1 year	AGE IN YEARS									
					1—4	5—14	15—24	25—34	35—44	45—54	55—64	65—74	75 +	
27. Other Forms of Heart Disease	M	43	..	..	..	..	..	1	..	1	..	15	26
	F	64	..	..	..	..	..	1	..	1	1	13	48
28. Cerebrovascular Disease	M	64	..	..	..	..	1	..	1	2	5	23	32
	F	130	..	..	..	..	..	..	2	5	10	25	88
29. Other Diseases of Circulatory System ..	M	19	..	..	..	..	..	..	..	1	3	4	11
	F	47	..	..	..	..	..	..	2	..	4	4	37
30. Influenza	M	8	..	..	..	..	..	..	1	1	..	2	4
	F	9	..	..	..	..	..	..	..	1	1	1	6
31. Pneumonia	M	64	1	..	1	..	..	..	1	2	3	22	34
	F	116	1	4	1	..	..	..	1	2	3	25	79
32. Bronchitis and Emphysema	M	51	..	1	..	..	..	..	..	2	7	22	19
	F	27	..	..	..	..	..	..	..	..	4	7	16
33. Asthma	M	1	..	..	..	..	..	1	..	..	..	..	..
	F	2	..	..	..	..	..	..	..	..	2	..	..
34. Other Diseases of Respiratory System ..	M	9	..	2	1	..	..	..	..	..	..	5	1
	F	9	..	3	..	..	..	..	..	1	..	..	5
35. Peptic Ulcer	M	9	..	..	..	..	..	..	..	..	1	5	3
	F	7	..	..	..	..	..	..	..	1	..	3	3
36. Appendicitis	M	..	..	..	..	..	..	..	..	..	..	..	..
	F	2	..	..	..	..	..	..	1	..	..	..	1
37. Intestinal Obstruction and Hernia	M	5	..	..	..	..	..	..	..	..	..	4	1
	F	6	..	..	..	..	..	..	..	..	..	3	3
38. Cirrhosis of Liver	M	2	..	..	..	..	..	..	..	..	2	..	..
	F	3	..	..	..	..	..	..	..	..	1	2	..
39. Other Diseases of Digestive System	M	3	..	..	..	..	..	..	..	..	1	1	1
	F	10	..	..	..	..	..	..	..	..	2	4	4
40. Nephritis and Nephrosis	M	3	..	..	..	..	..	..	..	..	2	..	1
	F	2	..	..	..	..	..	..	..	..	1	1	..
41. Hypcrplasia of Prostate..	M	1	..	..	..	..	..	..	..	..	..	..	1
	F	..	..	..	..	..	..	..	..	..	..	..	..
42. Other Diseases, Genito-Urinary System	M	3	..	..	..	..	..	..	..	..	..	1	2
	F	7	..	..	..	..	..	..	..	1	1	..	5
43. Diseases of Musculo- Skeletal System	M	1	..	..	..	..	..	..	..	..	..	..	1
	F	5	..	..	..	..	..	..	..	..	1	3	1
44. Congenital Anomalies ..	M	4	1	2	..	..	..	..	..	..	..	1	..
	F	7	3	3	..	..	..	1	..	..	..	..	..
45. Difficult Delivery and/or Anoxic Conition	M	9	9	..	..	..	..	..	..	..	..	..	..
	F	5	5	..	..	..	..	..	..	..	..	..	..
46. Other Causes of Perinatal Mortality ..	M	4	4	..	..	..	..	..	..	..	..	..	..
	F	4	4	..	..	..	..	..	..	..	..	..	..
47. Symptoms and Ill Defined Conditions ..	M	2	..	..	..	..	..	..	..	..	..	1	1
	F	7	..	..	..	..	..	..	..	..	..	..	7
48. Motor Vehicle Accidents	M	7	..	..	..	1	1	..	1	2	2	..	..
	F	9	..	..	1	..	..	..	..	1	2	2	3
49. All Other Accidents	M	10	..	1	2	1	..	2	1	..	3	..	..
	F	11	..	1	2	..	..	..	..	..	..	1	7
50. Suicide and Self- Inflicted Injuries	M	6	..	..	..	..	3	2	..	..	..	..	1
	F	3	..	..	..	..	1	..	..	..	..	1	1
51 All Other External Causes	M	3	..	..	..	1	..	..	..	..	1	1	..
	F	2	..	..	..	..	1	..	..	..	..	..	1
Total All Causes	M	710	15	6	4	3	5	7	18	61	116	249	226	
	F	841	13	11	4	..	2	3	14	36	82	205	471	

NO. OF CHILDREN WITH
Table 2 CONGENITAL ABNORMALITIES NOTIFIED AT BIRTH—1973

Code	Category		1969	1970	A 1971	B 1971	A 1972	B 1972	1973
0	Central Nervous System								
	Spina Bifida .. .. .	..	2	3	3	7*	2	6*	1
	Anencephalic .. .. .	..	..	..	4	5*	1	1	3
	Hydrocephalus .. .. .	..	1	1	1	2*	..	2*	3
	Dorsal Meningocele .. .. .	..	..	2	2	2	..	..	..
	Sacral Meningocele .. .. .	..	..	..	..	..	..	..	1
	Erbs Palsy .. .. .	..	..	..	1	1	..	..	..
	Microcephalic .. .. .	..	..	..	..	1*	..	..	..
	Meningo—Myocele .. .. .	..	..	..	..	..	1*	1*	..
	Encephalocele .. .. .	..	..	..	..	..	1	1	..
	Encephalic L. Meningocele .. .. .	..	..	..	..	..	..	..	1
	Occipital Meningocele .. .. .	..	..	..	..	..	..	..	1
	Arnold's Chiase Malformation .. .. .	..	..	..	..	..	..	..	1*
1	Eye and Ear								
	Ear—Rt accessory auricle .. .. .	..	..	..	1	1	..	..	..
	Ear—cartilage defect .. .. .	..	..	..	..	1*	..	..	..
	Rt Ear—Deformity of Pinna .. .. .	..	..	..	..	..	1	1	..
2	Alimentary System								
	Hare Lip .. .. .	..	1	1	1	3*	..	2	2*
	Umbilical Hernia .. .. .	..	..	1	..	..	..	..	1
	Cleft Palate .. .. .	..	1	2	..	3*	4	6*	5*
	Anus — imperforate .. .. .	..	..	..	1	1	..	..	1
	Sub lingual cyst .. .. .	..	..	..	1	1	..	..	..
	Oesophageal Atresia .. .. .	..	..	..	1	2*	..	..	..
	Abdominal tumour .. .. .	..	..	..	1	1	..	..	..
	Diaphragmatic Hernia .. .. .	..	..	..	..	..	..	..	1*
3	Heart & Circulatory System								
	Congenital heart lesion .. .. .	..	1	1	1	1	..	..	..
	Heart—septal defect .. .. .	..	..	..	1	1	..	..	..
	Rt side cephalematoma .. .. .	..	..	..	1	1	..	..	..
	Hyaline membrane diseased .. .. .	..	..	..	1	1	..	..	..
	Unspecified Heart Disease .. .. .	..	..	..	..	..	2	4*	..
	Congenital Heart Defect .. .. .	..	..	..	..	..	..	..	3
	Patent Ductus Arteriosus .. .. .	..	..	..	..	..	..	..	1
	2 Vessels only in Cord .. .. .	..	..	..	..	..	..	..	1
	Transposition of Greater Vessels .. .. .	..	..	..	..	..	..	..	1
5	Urino-Genital System								
	Genitals .. .. .	..	..	1	1	1	..	..	..
	Hypospadias .. .. .	..	..	1	..	..	..	..	1
	Malformation—kidney .. .. .	..	..	..	1	1	1	1	..
	Ectopic bladder .. .. .	..	..	..	1	1	..	..	..
	Imperforate meatus .. .. .	..	..	..	1	1	..	..	..
6	Limbs								
	Talipes .. .. .	..	3	2	5	7*	1	4*	6
	Polydactyly .. .. .	..	..	1	2	3*	1	1	1
	Webbed toes .. .. .	..	..	1	..	..	1	1	..
	Hand—fingers malformed .. .. .	..	1	1	2	2	..	..	..
	Hips—bilateral dislocation .. .. .	..	..	1	..	..	1	1	1
	Hip Deformity—Not Dislocation .. .. .	..	..	..	..	..	1	1	..
	Flexion deformity—thumbs .. .. .	..	1	..	..	..	..	..	..
	Dropped wrist .. .. .	..	1	..	..	..	..	..	..
	Legs—severe abnormality .. .. .	..	1	..	..	..	..	..	..
	Absence left forearm .. .. .	..	..	1	..	..	..	..	..
	Malformed Arms and legs .. .. .	..	..	..	1	1	..	..	..
	Angioma Left Leg .. .. .	..	..	..	..	..	1	1	..
	Rt. Foot Slightly Displaced .. .. .	..	..	..	..	..	..	1*	..
	Deformity Left Leg .. .. .	..	..	..	..	..	..	1*	..
	Rudimentary Thumbs .. .. .	..	..	..	..	..	1	1	..
	Double width small toes and .. .. .	..	..	..	..	..	..	..	1
	Double nails .. .. .	..	..	..	..	..	..	..	1
	Webbed fingers and toes .. .. .	..	..	..	..	..	..	..	1
	Deformed toes — positional .. .. .	..	..	..	..	..	..	..	1
	Rudimentary little finger — .. .. .	..	..	..	..	..	..	..	1
	both hands .. .. .	..	..	..	..	..	..	..	..
7	Other Parts of								
	Muscular Skeletal System								
	Rt sterno mastoid rumour .. .. .	..	..	1	..	..	..	..	..
	Prom. Lumber Spine (Central) .. .. .	..	..	..	..	..	1	1	..
	Skull Suture wide .. .. .	..	..	..	..	..	..	..	1
	Large Posterior Fontanelle .. .. .	..	..	..	..	..	..	..	1
8	Other Systems								
	Pilonoidal sinus .. .. .	..	1	3	1	3*	2	2	..
	Pilonoidal dimple .. .. .	..	..	1	..	..	2	2	..
	Haemangioma .. .. .	..	2	..	1	1	..	..	..
	Birthmarks .. .. .	..	3	5	3	3	6	6	..
	Ichthyosis .. .. .	..	1	..	..	..	..	..	..
	Perineal skin tag .. .. .	..	..	1	..	..	..	..	..
	Rt foot skin tag .. .. .	..	..	1	..	..	..	..	..
	Pre Auricular Sinus .. .. .	..	..	..	..	..	1	1	..
	Torticollis .. .. .	..	..	..	..	..	..	1*	..
	Skin Tag Rt. Ear .. .. .	..	..	..	..	..	1	1	..
	Dermoid Cyst .. .. .	..	..	..	..	..	1	1	..
	Cyst on neck .. .. .	..	..	..	..	..	..	..	1
9	Other Malformations								
	Mongolism .. .. .	..	..	2	1	1	1	3*	2
	Multiple malformation .. .. .	..	..	2	10	*	9*	*	..
	Metabolic acidosis .. .. .	..	..	1	..	..	..	..	..
A	Total numbers of children with congenital abnormalities notified at birth .. .. .	..	20	37	51		43		45
B	Total number of abnormalities showing nature of the multiple abnormalities					61		55	

* Includes cases where Multiple Abnormalities have occurred

**SANITARY CIRCUMSTANCES
FOOD SUPPLY
AND INFECTIOUS DISEASES**

SANITARY INSPECTION OF THE AREA.

During the year, the following visits and inspections were made by the Public Health Inspectors :

Number of complaints investigated	..	..	..	..	..	2019
Applications for Corporation Houses	..	..	..	..	..	526
Choked sewers or Street Gullies	..	..	..	..	..	133
Choked or defective drains	..	..	..	..	..	235
Common Yards, Passages, etc.	..	..	..	..	..	237
Dirty and Verminous Premises	..	..	..	..	..	205
Food Premises	..	..	..	..	..	1155
Infectious Diseases	..	..	..	..	..	1609
Inspections of dwelling houses	..	..	..	..	..	671
Interviews	..	..	..	..	..	879
Knackers Yards	..	..	..	..	..	16
Licensed premises	..	..	..	..	..	160
Lodging Houses, Common	..	..	..	..	..	6
Houses in multiple occupation :-Lettings	..	..	..	..	..	86
Miscellaneous	..	..	..	..	..	1922
Offensive Trades	..	..	..	..	..	44
Rent Act	..	..	..	..	..	1
Rodent Control	..	..	..	..	..	402
Schools	..	..	..	..	..	83
Smallpox Contacts	..	..	..	..	..	8
Smoke Observations	..	..	..	..	..	38
Stables & Piggeries	..	..	..	..	..	—
Wasps Nests	..	..	..	..	..	4
Theatres and Cinemas	..	..	..	..	..	26
Re-visits after Notice, Dwelling Houses	..	..	..	..	..	1282
Revisits after Notices, Other Premises	..	..	..	..	..	551
Ineffectual Visits	..	..	..	..	..	2213
Slum Clearance	..	..	..	..	..	1227
Clean Air Stations	..	..	..	..	..	246
Water Samples	..	..	..	..	..	17
Drains Tested	..	..	..	..	..	236
Noise Abatement	..	..	..	..	..	270
Pet Shops	..	..	..	..	..	15
Factories	..	..	..	..	..	61

Offensive Trades

The number of offensive trades is three. These consist of one Fat Extracting; one Gut Scraping and one Tripe Boiling. There is also one Knackers Yard. All are visited regularly.

Insanitary Dwellings

Four houses were closed during the year as being unfit for human habitation.

Verminous Premises and Persons

Two hundred and sixty seven premises comprising one thousand and forty rooms have been disinfested. Two hundred and eighty three infested persons were treated at the Cleansing Centre.

Infected Premises

Eighteen private dwelling houses comprising thirty two rooms, were disinfested following cases of infectious disease.

Common Lodging Houses

The Salvation Army Hostel (71 male lodgers) in Regent Street is the only common lodging house in the Borough.

It is inspected regularly and is a well run establishment.

Premises have been made available by the Social Services Department, assisted by Voluntary organisations to provide overnight shelter for homeless persons. Whilst this is not classed as a Common Lodging house the Health Department co-operate by carrying out disinfestation of the premises and/or persons should the need arise.

Houses in Multiple Occupation

There are a number of houses in multiple occupation in the town. There is no preponderance of immigrants occupying this type of accommodation as most appear to buy houses of their own.

Local Land Charge Enquiries

When properties are put up for sale the solicitor for the purchaser enquires from the Local Authority whether or not there is anything outstanding against the premises. So far as this department is concerned it means checking by the various inspectors to see if any requirements of the following Acts have not been complied with : Public Health ; Housing ; Food and Drugs ; Shops, etc., and Clean Air Acts.

During the year enquiries were received concerning 3368 premises.

RODENT CONTROL.

Sewer Control

During the year 785 manholes which had been infested at some time in the past were poisoned using oatmeal with paranitrophenol and the poison fluoracetamide. No test baiting was carried out due to staff shortage and to the other commitments of the operators.

Surface Control

During 1973, 1919 complaints of rat and mouse infestation were received. This is slightly less than in the previous year. On investigation however, 283 complaints did not show any infestation. Empty houses which are quickly vandalised and used as rubbish tips continue to be a source of trouble and complaint. During the year stretches of the Rivers Blakewater and Darwen were treated.

Complaints

No. of complaints received and investigated— :	Rats	..	558
	Mice	..	1361
No. of infestations found	Rats	..	354
	Mice	..	1282

Survey

No. of properties inspected .. .. .	..	..	..	..	..	242
No. of infestations found .. .. .	..	..	..	..	Rats	.. 5
					Mice	.. 1

Treatments

No. of premises treated .. .. .	..	..	..	..	..	..	1751
No. of visits re-treatments .. .. .	..	..	..	..	..	..	5657
Defective drains found .. .. .	..	..	..	..			10
Defective drains repaired .. .. .	..	..	..	..	..		8

DISEASES OF ANIMALS ACT

There were no outbreaks of disease during the year, and all visits under the Act were of a routine character. As in previous years co-operation with Officers of the R.S.P.C.A. has been maintained.

Details of action taken are as follows :—

Foot and Mouth Disease (Controlled Areas Restrictions) Orders 1938 and 1956

Movement licences issued	Nil.
--------------------------	----	----	------

Regulation of Movement of Swine Order 1959.

Movement licences issued	20
--------------------------	----	----	----

Movement of Pigs (Waste Food) Precautions Order 1973.

Movement licences issued:	16
---------------------------	----	----	----

Diseases of Animals (Waste Foods) Order 1957.

Visits to licenced plants	8
---------------------------	----	----	---

Fowl Pest Order, 1936

Visits regarding Fowl Pest	Nil.
----------------------------	----	----	------

Cattle Imported from Ireland.

Movement licences issued:	Nil.
---------------------------	----	----	------

Swine Vesicular Disease

Movement licences issued:	539
---------------------------	----	----	-----

Other Visits

Farms (movement records)	51
--------------------------	----	----	----

Cattle Market (transport etc., of animals)			54
--	--	--	----

Knackers Yards.. .. .	..	..	16
(Hygiene and Humane conditions)			

Pet Shops (Licencing of)	15
--------------------------	----	----	----

Boarding Establishments	3
-------------------------	----	----	---

No prosecutions were instituted during the year but 3 cautions were issued.

SEWERAGE AND SEWAGE DISPOSAL

I am indebted to the Borough Engineer for the following comments on Sewerage and Sewage Disposal.

During the year following works involving sewers were carried out:

Housing Schemes: Pear Street, Roman Road, Bennington Street.

Industrial Sites: Whitebirk, Shadsworth, Roman Road.

Main Drainage Schemes: Haslingden Road sewer — Shadsworth Industrial Site to Darwen Street Bridge.

Sewage Disposal: Work continued on the storm water treatment works at Samlesbury and the new outfall sewer between Samlesbury and Blackburn.

Following cuts in expenditure in December 1973 no further works were commenced and the programme of sewer renewal is now held in abeyance pending the easing of the financial situation.

WATER SUPPLY.

I am indebted to The Divisional Engineer (Eastern Division) to the Fylde Water Board for the following report on the town's water supply.

Mains laid : 3" and over	2.817 Km.
Domestic properties connected	492
Separate service pipes under grant-aided scheme	402
Increase in consumption	3.3%

During the year a booster pumping station was completed at Billinge and a transfer booster station was completed at Lime Street.

BACTERIOLOGICAL ANALYSIS.

Source of Sample	Number Examined	No. free from Coliform Organisms	Per cent. Satisfactory	Aerobic micro-organisms growing in Yeastral Agar No. of Colonies per ml. of sample	
				in 2 days at 37°C.	in 3 days at 22°C.
Fishmoor Entering Distribution	51	51	100%	1	2
Fishmoor Distribution	51	51	100%	1	4
Revidge ..	77	77	100%	1	7
Ramsgreave ..	25	25	100%	1	13
Eddy Holes ..	22	22	100%	1	13
Stocks Supply 36" main	51	52	100%	1	14

CHEMICAL ANALYSIS

	Ramsgreave system	Fishmoor & Guide system
Appearance	Clear & Bright	Clear & Bright
Colour (Hazen p.p.m. Pt)	4	3
Turbidity (p.p.m. Silica)	Nil.	0.1
Odour.. .. .	Nil.	Nil.
Taste	Normal	Normal
Reaction pH value	8.3	8.2
Electrical Conductivity. u.m.h.o./cc	115	115
	p.p.m.	p.p.m.
Residual Chlorine	0.15	0.20
Free and Saline Ammonia as N2	0.13	0.11
Albuminoid Ammonia as N2	0.08	0.05
Nitrous Nitrogen as N2	0.003	0.006
Nitric Nitrogen as N2	0.36	0.38
Oxygen absorbed 4 hrs. at 27°C.	0.69	0.59
Free Acidity as CO2 .. .. .	..	..
Carbonate Hardness as CaCO3	16	17
Total Hardness as CaCO3	46	41
Non-carbonate Hardness as CaCO3	30	24
Excess Alkalinity as Na2CO3	Nil.	Nil.
Calcium as CaCO3	38	32
Magnesium as CaCO3	8	9
Total Solids dried at 180°C.	90	93
Chloride as Cl	13	11
Sulphate as SO4	26	26
Lead as Pb	less than 0.05	less than 0.05
Manganese as Mn	0.05	0.01
Copper as Cu .. .. .	..	..
Iron as Fe	0.02	0.03
Aluminium as Al	0.08	0.06
Fluoride as F	less than 0.10	less than 0.10

MEAT INSPECTION

Table 3
CARCASSES INSPECTED AND CONDEMNED.

	Cattle excd'g Cows	Cows	Calves	Sheep and Lambs	Pigs	Goats
Number killed	5416	3611	80	47874	19243	5
Number inspected	5416	3611	80	47874	19243	5
All Diseases except Tuberculosis :						
Whole carcasses condemned	8	34	21	226	76	2
Carcases of which some part or organ was condemned	2491	2281	9	10033	6459	2
Percentage of the number inspected with disease other than tuber- culosis	46.14	80.72	37.5	21.42	33.96	80.0
Tuberculosis only :						
Whole carcasses condemned .. ..	..	..	..	..	..	..
Carcases of which some part or organ was condemned .. ..	..	..	..	..	43	..
Percentage of number inspected affected with tuberculosis ..	..	..	..	..	0.22	..
		Cows	Heifers	Steers	Bulls	
Cysticercosis :						
Carcases of which some part or organ was condemned .. ..		..	1	5	..	
Carcases submitted to treatment by refrigeration. .. .. .		..	1	5	..	
Generalised and totally condemned		..	..	..	..

Cysticercus Bovis

During the year 6 cases were discovered during meat inspection at the abattoir. All were localised cases and after rejection of the offal and any affected parts the carcasses were sent into cold storage for the appropriate period.

Details of Carcases rejected for diseases other than Tuberculosis :

CATTLE

Fevered	5	Pyæmia	1
Uraemia	1	Severe Bruising	3
Septic Metritis	1	Septic Peritonitis	2
Septicaemia	9	Oedema and emaciation ..	14
Mucoid Degeneration	3		
Tumours	3		
		Total	42

SHEEP

Septic Peritonitis	7	Moribund	5
Oedema	34	Mucoid Degeneration	101
Pyæmia	4	Septic pneumonia	10
Polyarthrititis	9	Emaciation	45
Multiple tumours	3	Severe Bruising	5
Anaemia	2	Septicaemia	1
Congested	1	Cysticercus bovis	1
		Total	228

CALVES

Immaturity	2	White Scour	1
Septic pneumonia	2	Pyæmia	4
Joint Ill	6	Toxaemia	1
Fevered	2	Septicaemia	3
		Total	21

PIGS

Pyæmia	32	Septicaemia	2
Septic Metritis	1	Abnormal Odour	1
Multiple Abscesses	2	Fevered	4
Severe Bruising	1	Oedema	1
Septic peritonitis	4	Moribund	2
Septic pneumonia	5	Erysipelas	3
Septic arthritis	3	Emaciation	12
Tumours	1	Jaundice	2
		Total	76

DISPOSAL OF CONDEMNED MEAT

Public Abattoir. The condemned meat and offal from the Public Abattoir is sold to three firms of fat melters and fertilizer manufacturers. Such material is either processed within the Borough at premises which are regularly visited, or is sold to other approved processors outside the Borough.

Carcases, etc. sent for Utilisation: 78 tons 16½cwts.

INSPECTION OF OTHER FOODS

Number of Visits to Inspect Food

Meat Shops	22	Wholesale Fish, Fruit and	
Provision Shops	114	Vegetable Market	17
Meat Market	26	Fish Market	12
		Miscellaneous	16

INSPECTION OF CONTAINERISED FOODSTUFFS

This consists of foods received in sealed containers not having been inspected at the port of entry. There were seven such consignments inspected, all of which were satisfactory.

Other Foodstuffs seized or surrendered

Tins and Jars of Miscellaneous Foods	12,081	Fruits	1,340-lbs.
Frozen Foods	10,883pks.	Vegetables	5,648-lbs.
		Miscellaneous Foods	3,272-lbs.

Wholesale Fish Market. Unsound fish is sold to a fertilizer manufacturer outside the Borough.

Other Foods. All other unsound foodstuffs are collected and disposed of by the Corporation.

Special Examination of Consignments. There were no special examinations of consignments of foodstuffs during the year.

FOOD HYGIENE

INSPECTION OF FOOD PREMISES

There are within the Borough the following food premises :—

Grocers	..	..	..	..	..	323
Greengrocers and Wet Fish Shops	..	..	..	..	..	34
Butchers	..	..	..	..	..	110
Cooked Meat Premises (other than Butcher)	..	..	..	..	..	19
Bakers and Confectioners	..	..	..	..	..	130
Fried Fish Shops	..	..	..	..	..	85
Cafes and Snack Bars	..	..	..	..	..	57
Licensed Premises	..	..	..	..	..	180
Mobile Shops	..	..	..	..	..	18
Stalls	..	..	..	..	..	101

The following table shows the numbers and types of premises registered under :—

(a) Food and Drugs Act, 1955 :

Manufacture, Sale or Storage for Sale of Ice-cream	..	..	..	577
Manufacture of Sausages and Cooked Meats	..			79

(b) Milk and Dairies (General) Regulations :

Number of Registered Dairies	2
------------------------------	----	----	----	---

Summary of Premises Visited :

Licensed Premises	..	..	..	..	..	160
Butchers and Cooked Food Premises	..	..	..	..	..	43
Cafes and Snack Bars, etc.	..	..	..	..	..	161
Grocers	..	..	..	..	..	538
Bakehouses and Confectioners	..	..	..	..	..	125
Fish Fryers and Crisp Fryers	..	..	..	..	..	123
Greengrocers	..	..	..	..	..	127
Mobile Shops	..	..	..	..	..	23
Miscellaneous	..	..	..	..	..	15
Total Visits	..	..	..	..	..	1315

Number of Premises Inspected	..	..	..	990
Number Found Satisfactory	..	..	..	717
Number Found Unsatisfactory	..	..	..	273
Number of re-visits to Unsatisfactory Premises	..	..	..	325
Visits re proposed Food Premises	..	..	..	25
Miscellaneous visits	..	..	..	19

Markets and Stalls

Apart from mobile food vendors, all stalls in Blackburn are accommodated in the new Market Hall.

In addition to 5 cafes and 3 mini-food shops there are 25 food stalls which are open daily and 76 which are open for 3 days only per week.

All are inspected regularly.

Agriculture (Welfare) Act 1956

Ten farms were visited in connection with the employment of farm labour.

Fertiliser and Feeding Stuffs Act, 1926

Eight informal samples of feeding stuffs and fertilisers were examined by the Analyst during the year. All were satisfactory.

Food Poisoning

Thirty cases of food poisoning were discovered during the year.

Food and Drugs Act, 1955

During the year eighty one samples of milk were submitted to the Public Analyst. Seventy four samples were reported satisfactory, four samples were reported unsatisfactory because of poor quality, one showed the presence of anti-biotics and two showed slight amounts of extraneous water. In each case the producers were advised and a warning given where called for. A further one hundred and thirty six samples of other foods and drugs were taken, twenty six of which were reported as unsatisfactory.

The following table shows the action taken respecting the 26 samples reported not genuine.

<i>Article Sampled</i>	<i>Analyst's Report</i>	<i>Action taken</i>
Almond Syrup	Unsatisfactory labelling probably due to incorrect translation from another language. Also old stock—probably some of ingredients declared had oxidised away.	Packer advised and requested to correct labelling.
2 milk bottles	Bottles not in state of thorough cleanliness.	Cowkeeper warned.
Table Creams	Should bear name "Table Jelly Compound" as well as the name Table Cream.	Manufacturer communicated with.
Black Tooth Powder	Cannot be described as a Food or Drug.	No further action.
Thin Soy	Designation "Thin Soy" not sufficiently specific — name should include the word sauce.	Packer communicated with.
Tomato Powder (2 samples)	Consisted of Paprika and not tomato powder. Also foreign items of debris present viz: peanuts, jute fibres, singed polythene sheet.	Importer warned.
Meat & Potato Pie	Meat content only 1.5%.	Vendor instructed to re-name pie Potato and Meat Pie.
Lecithin and Saffron Oil Capsules	Consisted of capsules of Lecithin and Safflower seed oil NOT Saffron Oil.	Manufacturer advised re. description and labelling.
Saffron Oil Capsules	Consisted of capsules of Safflower seed oil NOT Saffron Oil.	Manufacturer advised re. description and labelling.
Pork Choppie, Loose	Consisted of minced meat shaped like a chop — Incorrectly described.	Manufacturer advised.
Krydd Salt	Swedish Product — not adequately labelled.	Importer advised.
Rum and Raisin Ice Cream Sundae	Incorrectly labelled.	Manufacturer advised.
Beef Pie	Pie contained antioxidant without declaration.	Vendor interviewed.
Orange Drink	Contained no detectable amounts of orange. List of ingredients indicated a flavoured soft drink.	Manufacturer instructed to name the product in such a way that presence of orange is not implied.
Kwenchy	Should have been labelled "Ice Lolly Syrup".	Manufacturer communicated with.
Sweets	Deficient in milk fat.	Manufacturer communicated with.

<i>Articles Sampled</i>	<i>Analyst's Report</i>	<i>Action Taken</i>
Water from mains supplying vending machine.	Contained 'specks' which were identified as back washings from Water Authority filters.	Harmless although unsightly. Complainant advised.
Water from point of entry into vending machine.	Contained 'specks' which were identified as back washings from Water Authority filters.	Harmless although unsightly. Complainant advised.
Draught Cream Sherry	Consisted of a sherry type wine. (possibly a Cyprus Sherry)	Vendor interviewed and instructed to make adequate display of origin.
Potted Meat	Meat content 88% should be not less than 95%.	Manufacturer informed and warned.
Steak Spice	Incorrectly labelled. Should be described 'spice for steak'.	Packer communicated with.
Red Windsor Cheese	Incorrectly labelled. Should be described 'Full Fat Hard Cheese with British Wine'.	Vendor communicated with.
Grape Cheese	Consisted of Full Fat Soft Cheese, but labelled only Grape Cheese.	Vendor communicated with.
Paw Paw Cubes in Syrup (canned)	Mould count gave 64% of microscopically examined fields which contained mould fragments.	Manufacturer notified.
Wheat	Imported with warehouse moth larvae webbing and excrement and not of quality demanded for human consumption.	Instructed vendor not to sell for human consumption.
Potted Meat.	Sample deficient of 34.5% of the required meat content of Potted Meat.	Manufacturer prosecuted. Pleaded guilty Fined £20 and £6.50 costs.

OTHER COMPLAINTS INVESTIGATED AND ACTION TAKEN

<i>Complaint</i>	<i>Action Taken</i>
Foreign Body in Sausage.	Manufacturer prosecuted. Pledaded guilty. Fined £50. £12 costs.
Unsound Chicken.	Vendor interviewed.
Bottle of milk contained glass.	Interviewed dairy management, vendor cautioned.
Coconut appeared "off".	Vendor interviewed.
Mouldy pies in window.	Investigation failed to confirm complaint.
Mouldy yoghurt	Vendor interviewed.
Spider in bottle.	Vendor interviewed and advised to check empty bottles.
Mouldy loaf.	Formal warning.
Chocolate Easter Egg and contents alleged to have caused illness.	Examined chemically and bacteriologically and found to be satisfactory.
Frozen Cauliflower.	Vendor interviewed.
Meat Pie "off".	Offending pie not produced by complainant. No action.
Fly in tin of fruit.	Matter pursued with importers.
Mouldy Pie.	Vendor interviewed and warned.
Mouldy loaf.	Vendor interviewed and warned.
Soft Ginger Biscuit not fresh.	Biscuit satisfactory.
Foreign Body in Barm Cake.	Unable to contact complainant.
Foreign bodies in Salt.	Advised complainant re. foreign bodies.
"Bugs" in Milk.	Vendor interviewed and warned.
Tin of Corned Beef mouldy.	Packer warned.
Mouldy bread.	Vendor warned.
Foreign body in bottle of milk.	Interviewed vendor.
Apple tart mouldy.	Warning to retailer.
Smell from tin of grapefruit juice.	Tin corroded on inside. Submitted to analyst and vendor interviewed.
Foreign body in scone.	Stone associated with currants. Vendor interviewed.
Chicken appears "off".	Interviewed vendor. Chicken 3 days old when examined.
Stone in scone.	Stone associated with raisins. Vendor interviewed.

Complaint

Mouldy Bread
Pie containing hair.
Mouldy meat pie.
Fish appears "off".

Mouldy loaf.

Apricots appear mouldy.

Dirty bottle of milk.

Bad tin of meat

Nut found in loaf.

Dirty milk bottle.
Contaminated bottle of milk.
Unsound potatoes.
Insufficient Meat in Pork Pie.
Nail in boiled ham sandwich.
Beetle in Chow Mein.

Dirty bottle of milk.
Mouldy loaf.

Glass in bottle of milk.
Chicken "off".
Piece of plastic in Savoury Duck.
Metal in Sarsaparilla Tablet.

Mouldy Date and Walnut Cake.
Mouldy cheese.
Mouldy Crisps.

Black specks in drinks from
Vending Machines.

Action Taken

Vendor interviewed and warned.
Complaint withdrawn.
Vendor cautioned.
Fish not unsound but batter rancid.
Interviewed vendor.

Manufacturer fined £40 and £30 costs.

Over ripe or bruised. Complainant advised.

Contacted dairy management and cautioned.

Meat unsound — Vendor interviewed and advised.

Consisted of nut and sheared bolt. Manufacturer prosecuted. Fined £50 and £18 costs.

Cautioned dairy.

Rusty filings. Strong caution given.
Potatoes sound.
Vendor interviewed.
Foreign body not available. No action.
Shop premises inspected and vendor cautioned.

Dairy cautioned.

No action. Loaf purchased a week before.

No further action. Bottle not available
Chicken satisfactory.
Complaint withdrawn.
Manufacturer prosecuted. Pled guilty. Fined £20.
Vendor cautioned.
Vendor interviewed and cautioned.
Vendor interviewed and warned.

Water supply suspected. Supply tested and found to contain back-washings from Water Authority Filters. Supply eventually cleared.

Complaint

Beetle in Bag of Chips.

Sour Pie.

Pint of milk containing insects.

Deposit in bottle of milk.

Rotten Potatoes and Mushrooms.

Specks in meat pie.

Weetabix appeared crushed.

Piece of metal in Tin of Smoked Brisling.

Four chickens unsound.

Spider in Chinese Meal.

Penguin biscuit appeared nibbled.

Foreign body in mineral water.

Kipper fillets "off".

Bacon unsound.

Liver and bonemeal unsound.

Unsound onions.

Foreign body in tin of Spaghetti.

Bad apples.

Piece of wood in scone.

Foreign body in loaf.

Dirty bottle of milk.

Piece of bristle in Irish Stew.

Bananas were soft.

Cream cakes alleged not to be fresh cream.

Bread had peculiar taste.

Mouldy Christmas Pudding.

Action Taken

Beetle uncooked. Complainant and vendor interviewed.

Interviewed vendor and advised re. storage of pies.

Dairy cautioned.

Cowkeeper/retailer cautioned.

Vendor and complainant interviewed.

Vendor notified.

Product satisfactory. Vendor and complainant interviewed.

Packer prosecuted. Pleaded guilty. Fined £50.

Chickens condemned. Stallholder cautioned.

NOT SPIDER — fibrous material.

Not nibbled, only damaged. No action.

Small piece of label. Complainant informed.

Kippers available too late for action.

Vendor interviewed.

Warning to shopkeeper.

Not confirmed. Complainant reimbursed.

Tail of mouse with head and shoulders. Pleaded guilty. Fined £50 and £18 costs.

Prosecution not completed.

Fruit stalk. Interviewed vendor.

Piece of old dough. Informed Complainant.

Dairy interviewed.

Brought to notice of packer.

Complainant reimbursed by vendor.

Cream found to be satisfactory and genuine.

Bread genuine.

Vendor cautioned. Complainant reluctant to proceed.

*Complaint**Action Taken*

Insect infested flour.	Brought to attention of flour manufacturer. Long time lapse between purchase and complaint.
Bacon "off".	Vendor interviewed and cautioned.
Old Blackcurrant Pastilles.	Vendor interviewed and cautioned.
Prepacked bacon "off".	Retailer cautioned.
Potato pie containing black substance.	Piece of old dough and diseased potato. Warning given.
Mice droppings in packet of rice.	This packet of rice was contaminated at home of complainant.
Milk alleged to have peculiar taste.	Insufficient milk available for examination.
Brown loaf with black substance on crust.	Black substance came from bread tin. Warning to bakery.
Mouldy apple and cream tart.	Letter to bakery.
Part dehydrated cockroach in carton of dried onions.	Letter to packer.
Currant slice old.	Letter to vendor.
Unsound chicken.	Time between date of purchase too great to be able to form opinion on chicken when sold.
Two meat pies alleged to be unsound.	Pie satisfactory.
Grub in chips and peas.	Letter to vendor.
Cheese (prepacked) mouldy.	Letter to vendor.
Cheese (prepacked) mouldy.	Letter to vendor.
Alleged mice droppings in loaf.	Pieces of black not mice droppings. Contamination from bakery plant.
Meat alleged not be of quality demanded.	Only a small cooked piece available. Insufficient to determine quality.
Black substance in potato pie.	Warning to manufacturer.
Frozen goose alleged to have been sold as a fresh bird.	Not possible to examine goose. No action.
Chocolate biscuits contaminated on surface with black grease.	Warning to manufacturer.
Lemonade not satisfactory.	Bottle contained carbonated water with lemon. Stocks withdrawn. Warning given.
Alleged insects in breakfast food.	Supplier not found. No action.
Steak pudding alleged to be short of meat.	Pudding not available for examination. No action.

Complaint

Wasp in tin of beans.
Pieces of silver paper on bottom of apple tart.
Mouldy carton of cheese.

Glass in bacon.
Alleged stone in tinned peas.
Alleged mouse droppings in trifle.

Tinned peas containing small stone.
Grubs in Breakfast Food.
Mice droppings in trifle.
Tin of corned beef mouldy.
Piece of plastic in currant square.
Pre packed prunes not clean.

Frozen Steaks alleged to be unsound.

Chicken alleged to be unsound.

Cottage Pie containing small beetle.
Three minute steaks alleged to be unsound.

Mould formed Jelly.
Wrapper on butter chewed by mice.
Metal Fastener in Pork Pie.
Bilberries (jar) in water alleged to be unsound
Beetle in potato pie (small beetle).

Metal in sliced loaf.
Glass in Steak and Kidney Pie.
Foreign body in Pork Pie.
Mould in tin of Beans in Tomato Sauce.

Action Taken

Warning to manufacturer.
Warning to manufacturer.
Mould on lid of carton (external).
Not on cheese. Old pack. Nine similar packs withdrawn.

Unable to determine where glass gained access to bacon.
Manufacturer warned.
Investigation in hand.

Verbal notice to vendor.
Unable to determine where grubs entered packet. Letter of warning.
Letter of warning.
Defective can. Warning to vendor.
Letter of warning.
Not all prunes in pack affected. Verbal warning to packer.
Steaks sound. Show evidence of fast burn.
Chicken examined four days after purchase. Not then unsound. No action.
Letter of warning.
Steaks over seasoned. Verbal warning to vendor.
Letter of warning to vendor.
Vendor warned.
Manufacturer prosecuted — pleaded guilty. Fined £30.
Bilberries not sound.
Not possible to determine where beetle gained access. Letter of warning.
Manufacturer prosecuted. Pled guilty. Fined £50 and £12.50 costs.
Prosecuted. Pled guilty. Fined £25 and £12 costs.
This consisted of brush bristle. Letter sent to baker.
Manufacturer prosecuted. Pled Guilty. Fined £50 and £12.50 costs.

ICE CREAM

The number of premises registered for the manufacture, sale or storage for sale of ice cream has increased. During 1973 five such applications were received and no registrations were cancelled.

Number on Register, 31st December, 1972 ..	572
Number of Registrations discontinued during 1973 ..	—
Number of premises registered during 1973 ..	5
Number on Register, 31st December, 1973 ..	577

Bacteriological Examination

Sixty samples were taken of which forty nine came within Grade 1, three in Grade 2, one in Grade 3 and seven in Grade 4, three lolly ices were examined and found satisfactory.

Chemical Examination

The present standard is 5% fat and 7½% milk solids not fat.

Twelve samples were submitted to the Public Analyst and were chemically satisfactory.

ICE CREAM PREMISES

Two hundred and eighty visits were made to registered premises and twenty warnings were given for various contraventions.

Ice Cream Vehicles

Four vehicles were inspected. All were satisfactory.

DAIRIES AND MILK SUPPLY

Dairies

One hundred and ninety two visits were made to dairies. Eight verbal notices were given for contraventions of the Milk and Dairies Regulations.

Farms

Seventy five visits were made in connection with adverse reports on milk samples, and advice given to the farmers concerned.

Milk Vehicles

Twenty five milk vehicles were inspected during the year.

Milk (Special Designations) Regulations, 1960

Two hundred and eight samples of designated milk were bacteriologically examined.

The following table shows the grades of milk examined and the results of the tests :—

Table 5

CLASS OF MILK	Number of samples	Number satisfactory	Number not satisfactory	TESTS FAILED		
				Phos- phatase	Methy- lene Blue	Biolo- gical-
Pasteurised	70	59	11	..	11	..
Sterilised.....	19	19	..	..	..	..
Ultra Heat Treated	12	12	..	..	..	..
Untreated	92	77	15	..	15	..
All grades examined for Tuberculosis	15	15	..	..	..	..
Brucella Abortus	15	14	1	..	..	..

Brucella Abortus

One milk found to be infected with Brucella Abortus organisms was from a herd outside Blackburn County Borough, the milk being retailed within the County Borough.

The appropriate Authorities were notified and steps were taken to ensure that the herd concerned was rendered free from infection.

Cream

Ten samples of cream were bacteriologically examined and eight found to be satisfactory, two were reported unsatisfactory.

Foods other than milk

Fifty samples of a variety of foods, mainly cooked meats, were sent for bacteriological examination. Of these, eighteen were considered to be unsatisfactory. The producers and retailers of these unsatisfactory foods were interviewed and advised.

HOUSING

(a) General

Houses built during 1973 :

(i) By Corporation :	Houses and Flats	170
(ii) By Private Enterprise :	Houses	331
	TOTAL	501

(b) Statistics

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR :

(1) (a)	Total Number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	671
(b)	Number of inspections made for the purpose	3180
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	Nil
(b)	Number of inspections made for the purpose	Nil
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	31
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	513

2 REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or their officers	379
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :

A. Proceedings under the Housing Act, 1957, ss 9, 10 and 16 :

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	Nil
(2)	Number of dwelling houses which were rendered fit after service of formal notices :—	
(a)	By Owners	Nil.
(b)	By local authority in default of owners	Nil.

B. Proceedings under Public Health Acts :

(1) Number of notices outstanding at 31.12.1972	4
(2) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	128
(3) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners	53
(b) By local authority in default of owners	69
(4) Number of notices outstanding at 31.12.1973	10

C. Proceedings under ss. 16 and 17 of the Housing Act, 1957 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil.
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil.
(3) Number of dwelling-houses in respect of which Closing Orders were made	Nil.
(4) No. of dwelling-houses in respect of which Closing Orders were determined	Nil.
(5) Undertaking accepted not to relet	12
(6) Dwelling-houses demolished voluntarily	Nil.

D. Proceedings under Section 18 of the Housing Act, 1957 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil.

E. Proceedings under Blackburn Improvement Act 1882 :

(1) Number of houses closed under Section III.	4
(2) Number of houses demolished under Section 112.	Nil.

RENT ACT, 1957.

This act came into operation on 6th July, 1957, and amended the Rent and Mortgage Interest Restrictions Acts 1920 to 1939 and other enactments relating to the control of rents and the right to retain possession of houses. The Act deals in the main with matters relating to landlord and tenant, and makes provision whereby a tenant may under certain circumstances, make application to the Local Authority for a certificate of disrepair. No applications were received for certificates of disrepair during the year.

SLUM CLEARANCE

Report by Mr. F. Forrest, Senior Housing Inspector.

Clearance of Unfit Properties

The representation of the three Clearance Areas, forming phase III at Scotland Road means that the halfway mark in that Redevelopment Scheme has been passed.

Confirmation of 8 areas contained within the Scotland Road Redevelopment Scheme phase I was received during the year.

In order to increase the rate of clearance to 1,000 houses a year, a new programme was presented to the Housing Committee in August.

This programme contained the houses which remained in the existing 1962 82 programme and included approximately 750 properties which had not formally been programmed, making a total of 4,250 properties to be dealt with over a four five year period.

Clearance proposals are, by their very nature, sensitive subjects, but no one could have foreseen the furore that erupted following the detailed publication of the programme in the local press.

Much discussion took place between the officers, councillors, and residents regarding the proposals especially the inclusion of the non-programmed properties, as a result of which most of these properties were inspected in detail during the following months.

The results of these inspections will aid the Corporation in the preparation of further reviews of clearance proposals, bearing in mind the Government White Paper — Better Homes, the next Priorities Amendment 5339, published during the year, which announced forthcoming plans for Housing Action Areas to deal specifically and comprehensively with physical conditions in the remaining areas of worst housing.

These proposals will undoubtedly add a new dimension to the remedies available for dealing with Housing stress and we await the details of the scheme with interest

TOTAL OF UNFIT HOUSES DEALT WITH 1956-73

1956 - 62

Number of houses represented in Clearance Areas	..	..	1423
Individual unfit houses represented during 7 years	..	..	130
Houses acquired for demolition by negotiation	..	..	237
			<hr/>
			1790
			<hr/>

1963 - 73

Number of houses represented in Clearance Areas	..	..	4341
Individual unfit houses represented during 10 years	..	..	93
Houses acquired for demolition by negotiation	..	..	981
Number of houses closed by informal agreement	..	..	83
			<hr/>
			5498
			<hr/>

GRAND TOTAL UNFIT HOUSES DEALT WITH 1956-1973 — 7288

TABLE 6

PROGRESS REPORT — SLUM CLEARANCE

TO DECEMBER 31st, 1973.

Name of Area	Date of Representation	Number of Premises Represented	Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Canning Street No. 1	Aug. 63	1st year 4	Oct. 64	..	Sept. 67
Canning Street No. 2	Aug. 63	182		..	Sept. 67
Canning Street No. 3	Aug. 63	2		..	Sept. 67
Eccles Street	Oct. 63	181	Jan. 65	..	Sept. 67
Tontine Street No. 1	Nov. 63	57		..	Sept. 66
Tontine Street No. 2	Nov. 63	4		..	March 67
Tontine Street No. 1	Nov. 63	4		..	March 67
Richmond Hill No. 2	Nov. 63	5		..	March 67
Richmond Hill No. 3	Nov. 63	3		..	March 67
Bank Top No. 1	Feb. 64	2nd year 92	Feb. 65	..	Nov. 66
Bank Top No. 2	Feb. 64	31		..	Jan. 67
Bank Top No. 3	Feb. 64	2		..	May 66
Primrose Hill	April 64	20	May 65	..	July 66
Kemp Street No. 1	April 64	88	July 65	..	May 68
Kemp Street No. 2	April 64	8	July 65	..	March 67
Paradise Lane No. 1	Dec. 64	17		..	Oct. 68
Paradise Lane No. 2	Dec. 64	3		..	Dec. 98
Paradise Lane No. 3	Dec. 64	2	Dec. 66	..	Dec. 68
Paradise Lane No. 4	Dec. 64	3		..	Dec. 68
Paradise Lane No. 5	Dec. 64	15		..	Jan. 69
Paradise Lane No. 6	Dec. 64	3		..	Jan. 69
Paradise Lane No. 7	Dec. 64	5		..	July 68
Birley Street No. 1	Dec. 64	68		..	May 68
Birley Street No. 2	Dec. 64	5		..	Nov. 67
Birley Street No. 3	Dec. 64	3		..	Nov. 67
Birley Street No. 4	Dec. 64	8		..	Nov. 67
Birley Street No. 5	Dec. 64	5	July 66	..	Nov. 67
Birley Street No. 6	Dec. 64	72		..	Nov. 67
Birley Street No. 7	Dec. 64	15		..	Nov. 67
Birley Street No. 8	Dec. 64	59		..	Oct. 67
Birley Street No. 9	Dec. 64	5		..	Oct. 67

Name of Area	Date of Representation	Number of Premises Represented	Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Accrington Road	No. 1 Dec. 64	22	Feb. 66	..	Feb. 68
Accrington Road	No. 2 Dec. 64	2	..	..	Feb. 68
Barnes Street	No. 1 Dec. 64	4	..	..	Aug. 67
Barnes Street	No. 2 Dec. 64	5	..	..	Aug. 67
Barnes Street	No. 3 Dec. 64	4	July 66	..	Feb. 68
Barnes Street	No. 4 Dec. 64	8	..	..	Mar. 68
Barnes Street	No. 5 Dec. 64	40	..	..	Mar. 68
Ashworth Street	No. 1 Dec. 65	6	..	..	July 68
Ashworth Street	No. 2 Dec. 65	4	..	..	June 68
Ashworth Street	No. 3 Dec. 65	12	..	..	June 67
Ashworth Street	No. 4 Dec. 65	5	July 67	..	Mar. 68
Ashworth Street	No. 5 Dec. 65	14	..	..	Oct. 68
Ashworth Street	No. 6 Dec. 65	307	..	..	July 69
Ashworth Street	No. 7 Dec. 65	2	..	..	June 69
Whalley New Road	June 66	101	Oct. 67	..	Oct. 70
Forrest Street	Nov. 66	51	Oct. 67	..	Oct. 69
Harrison Street	Nov. 66	73	..	..	Feb. 70
Vauxhall Street	Nov. 66	8	..	..	Aug. 71
Vauxhall Street	Nov. 66	2	..	..	April 68
Islington	Dec. 66	25	..	..	Oct. 71
Islington	Dec. 66	2	..	1	..
Goit Street	Purchased Informally	29	..	..	Oct. 67
Stanley Street	Purchased Informally	17	..	..	..
		46	..	..	Jan. 66
Wensley Street	No. 1 Feb. 67	11	..	1	..
Wensley Street	No. 2 Feb. 67	6	..	..	Jan. 71
Wensley Street	No. 3 Feb. 67	3	..	..	June 69
Wensley Street	No. 4 Feb. 67	13	May 68	..	June 69
Wensley Street	No. 5 Feb. 67	3	..	..	June 69
Wensley Street	No. 6 Feb. 67	5	..	..	June 69
Denville Street	No. 1 Aug. 67	139	..	..	..
Denville Street	No. 2 Aug. 67	3	..	..	..
Grimshaw Park	No. 4 Aug. 67	112	Dec. 68	..	Nov. 70

Name of Area	Date of Representation	Number of Premises Represented	Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Swan Street	Dec. 67	34	May 69	..	Nov. 70
Park Lee Road	Dec. 67	7	Mar. 69	..	Jan. 70
Abbott Street	Dec. 67	11	Jan. 69	..	Nov. 70
Court Fold	Dec. 67	23	July 69	..	Feb. 70
Witton Stocks	Dec. 67	4	July 69	..	..
Harwood Street	Dec. 67	23	July 69	..	..
Park Place	Dec. 67	3	Mar. 69	..	Dec. 71
Iron Street	Dec. 67	5	Mar. 69	1	..
Iron Street	Dec. 67	3	Mar. 69	..	May 71
Clayton Street	Dec. 67	5	Mar. 69	..	Oct. 73
Back Ivy Street	Dec. 67	3	Mar. 69	..	May 69
Redlam	Dec. 67	10	July 69	4	..
Everton	Dec. 67	9	Mar. 69	..	..
Crossfield Street	Dec. 67	4	Mar. 69	..	May 71
Crossfield Street	Dec. 67	7	Mar. 69	..	May 71
Crossfield Street	Dec. 67	2	Mar. 69	..	May 71
Primrose Terrace	Dec. 68	17	Aug. 69	..	Feb. 70
Anvil Street	Dec. 68	13	..	..	..
Anvil Street	Dec. 68	14	..	..	..
Anvil Street	Dec. 68	215	..	..	Oct. 73
Anvil Street	Dec. 68	18	..	..	..
Anvil Street	Dec. 68	2	..	..	..
Anvil Street	Dec. 68	11	..	1	..
Anvil Street	Dec. 68	4	..	..	..
Anvil Street	Dec. 68	3	..	..	..
Anvil Street	Dec. 68	10	..	1	..
Thompson Street	Dec. 68	103	..	23	..
Thompson Street	Dec. 68	2	..	..	..
Thompson Street	Dec. 68	60	..	..	..
Thompson Street	Dec. 68	2	..	..	..
Thompson Street	Dec. 68	4	..	..	..
Thompson Street	Dec. 68	6	..	..	..
Lower Audley	Dec. 68	2	..	..	..
Lower Audley	Dec. 68	3	..	..	..
Lower Audley	Dec. 68	3	..	..	..
Lower Audley	Dec. 68	103	..	..	..
Lower Audley	Dec. 68	9	..	..	..
Fort Street	Dec. 69	96	..	..	..
Fort Street	Dec. 69	217	..	..	..
Galligraeve St.	Dec. 70	180	..	..	..
	Dec. 70	67	..	..	..

Name of Area	Date of Representation	Number of Premises Represented	Date of C'nfirmation of order	Number of houses still occupied	Date site cleared
Arthur Street	Purchased Informally	21	..	..
Scotland Road No. 1	Nov. 1971	4	July 1973	2	
No. 2	Nov. 1971	155	"	38	
No. 3	Nov. 1971	8	"	1	
No. 4	Nov. 1971	4	"	2	
No. 5	Nov. 1971	28	"	6	
No. 6	Nov. 1971	11	"	..	Oct. 1973
No. 7	Nov. 1971	81	"	9	
No. 8	Nov. 1971	40	"	10	
Scotland Road (Phase II)					
No. 1	Oct. 1972	6		..	
No. 2	Oct. 1972	280		94	
Scotland Road (Phase III)					
No. 1	June 1973	14		7	
No. 2	"	53		35	
No. 3	"	361		209	

NOISE ABATEMENT.

During the year twenty nine complaints of noise nuisance were investigated. Of these nine were in relation to noise from industry, ten from commercial activities, two from roadworks and eight from domestic premises.

Of the latter, six related to barking dogs, one to noisy neighbours and one of an indefinite nature. Domestic complaints are most difficult to deal with owing to the necessity to avoid friction between neighbours.

In some cases industrial and commercial concerns are quite co-operative in trying to solve noise problems.

There have been no cases where legal action was necessary, but one legal notice was served.

Of the twenty nine complaints received five proved to be cases where nuisance could not be established, but the following are details of noise complaints which appear to be justified:

- (1) **Domestic:** Barking Dog. Owner co-operated.
- (2) **Commercial:** Noise from sandblasting compressor. Work quickly completed.
- (3) **Industrial:** Noise from newly installed fan. Fan re-sited.
- (4) **Commercial:** Barking guard dog. Dog kept indoors after informal approach.
- (5) **Commercial:** Barking guard dog. Legal notice served after which dog removed.
- (6) **Industrial:** Noise from engineering presses. Action suspended in view of Public Enquiry concerning breach of planning permission.
- (7) **Industrial:** Noise from engineering presses. Specialist firm consulted concerning remedial measures.
- (8) **Commercial** Noise from bus depot in early hours. Management co-operated
- (9) **Industrial:** Noise from chains in conveyors at Brewery. Metal links replaced with nylon.
- (10) **Domestic:** Noisy children and record player. Occupier became more considerate.
- (11) **Industrial:** Noise from vibrator at concrete works. Specialist firm consulted regarding remedial measures.
- (12) **Commercial:** Noise from locomotives on railway. British Railways requested to co-operate.
- (13) **Industrial:** Noise from the cutting of building cladding sheets. Insulation and sound attenuators fitted.
- (14) **Domestic:** Barking dogs. Occupier co-operated.

- (15) **Domestic:** Barking Dog. Dog removed.
- (16) **Industrial:** Noise from oil fired boiler. Technical advice from boiler manufacturer resolved the trouble.
- (17) **Commercial:** Noise from Club at night. Co-operation of Club Committee obtained.
- (18) **Domestic:** Barking Dog. Owner co-operated.
- (19) **Domestic:** Barking dog. Owner co-operated.
- (20) **Roadworks:** Noise from pneumatic drills. Mufflers fitted.
- (21) **Roadworks:** Noise from pneumatic drills. Mufflers fitted.
- (22) **Industrial:** Noise from loading of vehicles during the night and vehicle noise. Management co-operated.
- (23) **Commercial:** Noise from Judo Club. Organiser co-operated.
- (24) **Commercial:** Noise from sewing machine of out-worker. Person concerned co-operated.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

ANNUAL REPORT FOR THE YEAR 1973

Report by Mr. N. Morris, Shops and Offices Inspector

On the 1st August 1964, the main provisions of the Office Shops and Railway premises Act, 1963 became law.

During the past nine years great improvements have been made in conditions affecting the health, welfare, safety and comfort of the majority of employees working in premises to which the Act applies. Improved heating systems, the use of thermoscreens over shop doors, the replacement of filament bulbs for illumination with planned lighting schemes using fluorescent lamps, improved cleanliness and the provision of additional facilities are only some of the alterations that have helped in the improvement of premises and consequently improving working conditions.

The New Market Complex and phases 1 and 2 of the Central Area Re-development Schemes have been completed during this period. An increasing amount of development has been carried out on the Industrial Estates and throughout the Borough. The checking of the plans submitted, joint discussion with the Building Surveyors, the Fire Officers and the Architects and Consultants concerned have, in most new developments, ensured compliance with the Act. The most neglected field is that the provision of effective ventilation is often overlooked when the initial plans are submitted.

The installation of more complex heating and air conditioning systems has presented some problems. Where warm air heating without humidification has been installed the low relative humidity has, in some cases, adversely affected the employees. Other sophisticated equipment has failed through lack of regular servicing.

In the Central Area Shopping Complex it has been found that the ventilation installed in the service roads below the shops is hardly sufficient as tests have shown that contamination is, at times, approaching the threshold limit value for carbon monoxide. When Phase 3 of the development is planned it is intended to supply sufficient fresh air to the new and existing service roads.

The shops opening off the covered pedestrian malls in this complex become unbearably hot on hot summer days and fans are provided by the occupiers to ensure some air movement in these premises.

Experience gained during these past few years will stand in good stead when new legislation is made based on the report of the Committee of Inquiry on Safety and Health at Work.

Registration and General Inspection of Premises

Eighty two notifications of employment of persons were received during the year and ninety seven were taken off the register.

Nine hundred and six premises remained on the register at the end of the year.

Three hundred and fifty seven General Inspections were carried out.

Details are set out in appendix I.

Legal Proceedings

No legal action was required during the year.

Accidents

Fifteen "Notice of Accident" were received, details being as follows:

<i>Type of Premises</i>	<i>Cause of Accident</i>	<i>Nature of Injury to Employee</i>
1. Multiple Store	Handling Goods	Cut Finger
2. Licensed Premises	Handling Goods	Strained Back
3. Office (Post Office Telecomms)	Falling on wet floor	Sprained wrist
4. Wholesale Builders Merchants.	Handling Goods	Fractured Toe.
5. Supermarket	Struck by falling object	Bruised foot
6. Licensed Dance Hall	Handling Goods	Inguinal Hernia
7. Office (Post Office Telecomms)	Slipping on wet floor	Strained Knee
8. Wholesale Engineers Merchants	Struck by falling object	Cut eye
9. Wholesale Grocers	Foot run over by fork lift truck.	Fractured Toes
10. Wholesale Grocers	Falling from step ladder.	Fractured elbow
11. Retail Shop (Shoes)	Handling Goods	Strained Back
12. Wholesale Factors	Struck by door	Cut head.
13. Retail Shop (Shoes)	Falling from step ladder.	Sprained Ankle
14. Office (Post Office Telecomms)	Falling on same level	Sprained Ankle
15. Canteen (Post Office Telecomms)	Handling Goods	Bruised Toe

Thirteen accidents were investigated but no serious contraventions of the Act were found. Three verbal intimations were given and advice and suggestions made in other cases.

Health and Welfare Provisions—Contraventions

Cleanliness : (Section 4)

Out of three hundred and fifty seven premises inspected, cleanliness was unsatisfactory to some degree in seventy cases.

Overcrowding : (Section 5)

In one case the number of persons employed in a particular room exceeded that permitted by the act.

Temperature : (Section 6(2))

Where work does not involve severe physical effort a temperature of 16°C (60.8°F) must be maintained after the first hour. In seven cases the temperature was found to be below that required.

Thermometers : (Section 6(4))

Suitable or sufficient thermometers were not provided in sixty nine premises. In some cases thermometers had been provided but were broken, others were not registering correctly.

Ventilation : (Section 7)

Ventilation of some part of the premises was regarded as inadequate in thirty three cases.

Lighting : (Section 8)

In eight cases the lighting of some part of the premises was considered to be not sufficient or suitable.

Sanitary Conveniences : (Section 9—Sanitary Conveniences Regs. 1964)

In one hundred and three cases the Sanitary Conveniences were in some way unsuitable. In two cases numbers were insufficient.

Washing Facilities : (Section 10—The Washing Facilities Regs. 1964)

In thirty seven cases unsuitable washing facilities were provided, whilst in four the facilities were considered insufficient.

Drinking Water : (Section 11)

In all cases the supply of drinking water was found to be adequate and wholesome.

Accommodation for Clothing : (Section 12)

In thirteen instances only was there inadequate accommodation for outdoor clothing.

Sitting Facilities : (Section 13)

Suitable facilities are to be provided at suitable places for the persons employed to sit when the opportunity arises. In two cases these facilities were not provided.

Seats for Sedentary Work : (Section 14)

Where work is, or can be done sitting, suitable seats, and where necessary, foot rests are to be provided. In all instances those provided were considered suitable.

Eating Facilities : (Section 15)

Where employees in shops eat meals there, suitable and sufficient facilities are to be provided. In all cases the facilities were found to be satisfactory.

Floors, Passages and Stairs : (Section 16)

In eighty six cases some cause for complaint was found. In many instances the handrail to the stairs was inadequate or non-existent, in others, worn treads, worn nosings to treads, defective floor coverings and badly worn floor boards accounted for a number of the unsatisfactory conditions.

Fencing of Exposed Parts of Machinery : (Section 17—The Prescribed Dangerous Machine Order, 1964)

Every dangerous part of any machinery used, as or forming part of, the equipment of premises, shall be securely fenced unless so positioned or constructed as to be safe. In fifteen instances machinery was found to be inadequately fenced.

First Aid : (Section 24—The Offices, Shops and Railway Premises First Aid Order, 1964)

In seventy eight instances provisions were inadequate due mainly to non-replacement of used materials.

Disposal of Sanitary Dressings : (The Sanitary Conveniences Regulations, 1964)

The arrangements for the disposal of sanitary dressings was satisfactory at all the premises inspected.

Dangerous Conditions and Practices : (Section 22)

In two cases conditions existed where there was an element of danger.

Exemption from Certain Provisions : (Section 46)

No applications for exemptions were received or granted.

Abstract : (Section 50—The Information for Employees Regulations 1965)

The Regulations require an employer to display in a prominent position an Abstract of the Act, or to give each employee a specified explanatory booklet. In one hundred and six instances this Regulation was not complied with.

Details and summary of contraventions found and remedied are shown in Appendix II.

APPENDIX I.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

DETAILS OF INSPECTIONS DURING 1973.

CLASS OF PREMISES	Number on Register at 1.1.73	Number of General Inspections	Total Number of Visits	Premises where Contraventions Found	Contravention Letter Sent	Verbal Intimation Given	Premises where Contraventions Remedied	Prosecutions	Accidents Notified	Accidents Investigated	No. of Premises Registered during 1973	Premises added on Re-classification	No. taken off Register during 1973	Premises subtracted on Re-classification	No. on Register at 31.12.73	Analysis of persons employed in registered premises by workplace at 31.12.73
Offices	331	134	274	85	70	15	67	..	3	2	32	3	35	2	329	4226
Retail Shops	465	172	457	97	84	13	103	..	4	3	40	1	52	..	454	2907
Wholesale Shops/Warehouses	55	27	61	12	7	5	13	..	5	5	8	1	5	3	56	775
Catering Establishments ..	66	24	58	13	11	2	16	..	2	2	2	..	5	..	63	831
Canteens	3	..	..	..	..	..	..	..	1	1	..	..	..	..	3	21
Fuel Storage Depots ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10
TOTALS ..	921	357	850	207	172	35	199	..	15	13	82	5	97	5	906	8770

DETAILS OF CONTRAVENTIONS FOUND AND REMEDIED.

CLASS OF PREMISES	S.4		S.5		S.6		S.7		S.8		S.9		S.10		S.11		S.12		S.13		S.14		S.15		S.16		S.17		S.24		S.22		S.50	
	Cleanliness	Not Satisfactory	Overcrowding	Temperature	Thermometer	Ventilation	Lighting	San. Conv.		Inadequate	Wash. Fac.		Drinking Water	Accom for Cloth-	Sitting facilities	Seats unsuitable	Eating facilities	Floors, Passages & Stairs not satisfy.	Fencing of Mach-	First Aid facilities	Disposal of San. dressings inadequate.	Dangerous cond. and practices	Abstract not Displayed											
								Insufficient	Unsuitable		Insufficient	Unsuitable																						
Outstanding 1.1.73 ..	81	7	20	101	56	Nil	Nil	157	8	79	7	Nil	2	6	7	Nil	147	22	144	4	Nil	195												
Offices ..	21	11	3	1	29	13	12	5	4	29	1	17	14	2	2	2	31	30	5	3	33	28	1	1	50	42								
Retail Shops ..	39	38	1	4	11	26	17	2	3	43	37	2	14	17	2	3	44	42	7	11	35	38	2	1	45	47								
Wholesale Shops																																		
Warehouses ..	3	2		3	6	7	3	2		7	7	1	4	2	1		5	4			5	7												
Catering Establishments	7	3			8	9	3	1	1	1	1	2	3	1	2	1	6	8	3	6	5	7	1											
Canteens ..																																		
Fuel Storage Depots ..																																		
TOTALS ..	70	54	1	4	7	15	69	73	34	8	7	103	84	2	4	37	36	4	6	13	4	2	1	86	84	15	20	78	80	4	2	106	105	
Outstanding 31.12.73 ..	97	4	12	97	55	1	176	6	80	5	Nil	11	7	5	Nil	149	17	142	Nil	2	196													

SUMMARY :

No. of contraventions outstanding, 1.1.73	..	1043
No. of contraventions found during 1973	..	636
No. of contraventions remedied during 1973	..	617
No. of contraventions outstanding 31.12.73	..	1062

AIR POLLUTION

Report by Mr. J. Pye, *Smoke Abatement Officer*.

Reorganisation of local government and the health services will see the end of the public health service as has existed for over a century when, following heavy incidence of disease throughout the country, the Public Health Act of 1848 came on the Statute Book.

Environmental Health will continue to be a function of local authorities but no longer under an all-embracing public health department responsible for an integrated domiciliary and environmental health service. Though it heralds the end of an era, it also calls for a forward looking approach to the tasks which lie ahead.

There is, in my view, some comparison to be made, albeit in some small way, between the separation of the public health services, under different responsible authorities, and the control of air pollution. Just as no particular section of the community health can be divorced from any other, neither can the many aspects of clean air. The reduction in atmospheric pollution — smoke, dust, grit, fumes and gases — benefits the community in many ways relating to health; by providing purer air to breathe, by affording increased sunlight, from healthier vegetation, from cleaner fabrics and buildings and from relief to some no small degree from the drudgery of cleansing soot and grime. All these factors make their separate as well as corporate contribution to public health.

Clean Air legislation is public health legislation directed towards the benefit of the community. In applying the law particularly within the industrial field, there is considerable involvement in fuel and plant technology, and not infrequently, as a side-effect, to the operational benefit of the plant concerned. Involvement in the technology should, however, never be for its own sake alone, overlooking perhaps to a degree the underlying fundamental of community health.

I am sure that, no matter under what discipline we in the health services practice, or under what authority we are employed, will doubtless continue to direct our energies as in the past to the common good.

Industrial Air Pollution Control

No new process giving rise to inordinate levels of pollution were established within the town during the year, except as respect pollution from smell arising from a newly established carpet factory. Extensive investigations into preventative measures were continuing at the end of the year.

Five complaints only were received relating to air pollution, three relating to burning factory waste in the open, one relating to grit from a coal-fired steam-raising boiler; and the fifth of fumes and smoke from a recently established small foundry. All received attention and remedial measures employed.

Considerable improvement was effected as respect emission of smoke and fumes when another foundry replaced manometer metal-melting furnaces by an electric induction furnace. A further foundry was part established intending using crucible furnaces with pig iron only, and with minimal pollution. Advice was given on this project.

All new boiler and furnace installation were subject to prior notice being received, with the exception of one, where firms concerned both with the installation and the installer were warned.

Six contraventions were noted during the year arising from the emission of dark smoke from factory waste being burnt in the open. A warning was issued in each case.

Eight applications for approval of the height of new chimneys were received. All received approval.

Several new and intended projects were discussed with industrialists. These related principally to a new multi-boiler coal-fired plant; the provision of a wood-waste-fired boiler at a textile equipment manufacturer's premises; the continued use and possible extension of stack moulding at a local foundry; and the possibility of oxygen enrichment to the blast serving a cupola furnace. In all some fifteen interviews took place.

Several complaints by one person of noise were investigated by myself relating to the operation of furnaces and ancillary plant at a foundry. The complaints were in the main without foundation and with the exception of certain minor preventative measures, no action was taken.

Domestic Smoke Control

The No. 12 Smoke Control Order confirmed in November 1972, was implemented during the year. The No. 13 Order was confirmed on the 15th January and the No. 14 Order on the 8th June. The No. 15 Order was made on the 22nd August and in consequence a very full year's work was provided for by the implementation of all the Orders. A progress report is appended.

The number of visits, interviews and office transactions are given below:

Surveys: Domestic	..	..	..	..	..	1987
Industrial	..	..	..	..	..	51
Inspections, works of adaptations	..	..	..	..	..	959
Miscellaneous visits, to advice etc.	..	..	..	..	..	317
Ineffective visits, where access not gained first visit						618
Letters delivered, re preliminary notice to make Order						3153
Interviews held in Office	..	..	..	..	..	2074
Visits re contravention	..	..	..	..	..	30
Posting of Statutory Notices within Areas	..	..	..	..	..	108
Grants prepared and payments effected	..	..	..	..	..	2855
Reminder letters sent, No. 12 Area	..	..	..	..	..	62

Resulting from casual surveillance of operative Areas two summonses were dealt with at the local Magistrates' Court, one relating to emission of smoke from a domestic chimney when the occupier was fined £10 plus £5 fees. The other case resulted from a solid fuel merchant delivering and selling unauthorised fuel to premises within an operative Area, and he was fined £10 plus £12 costs.

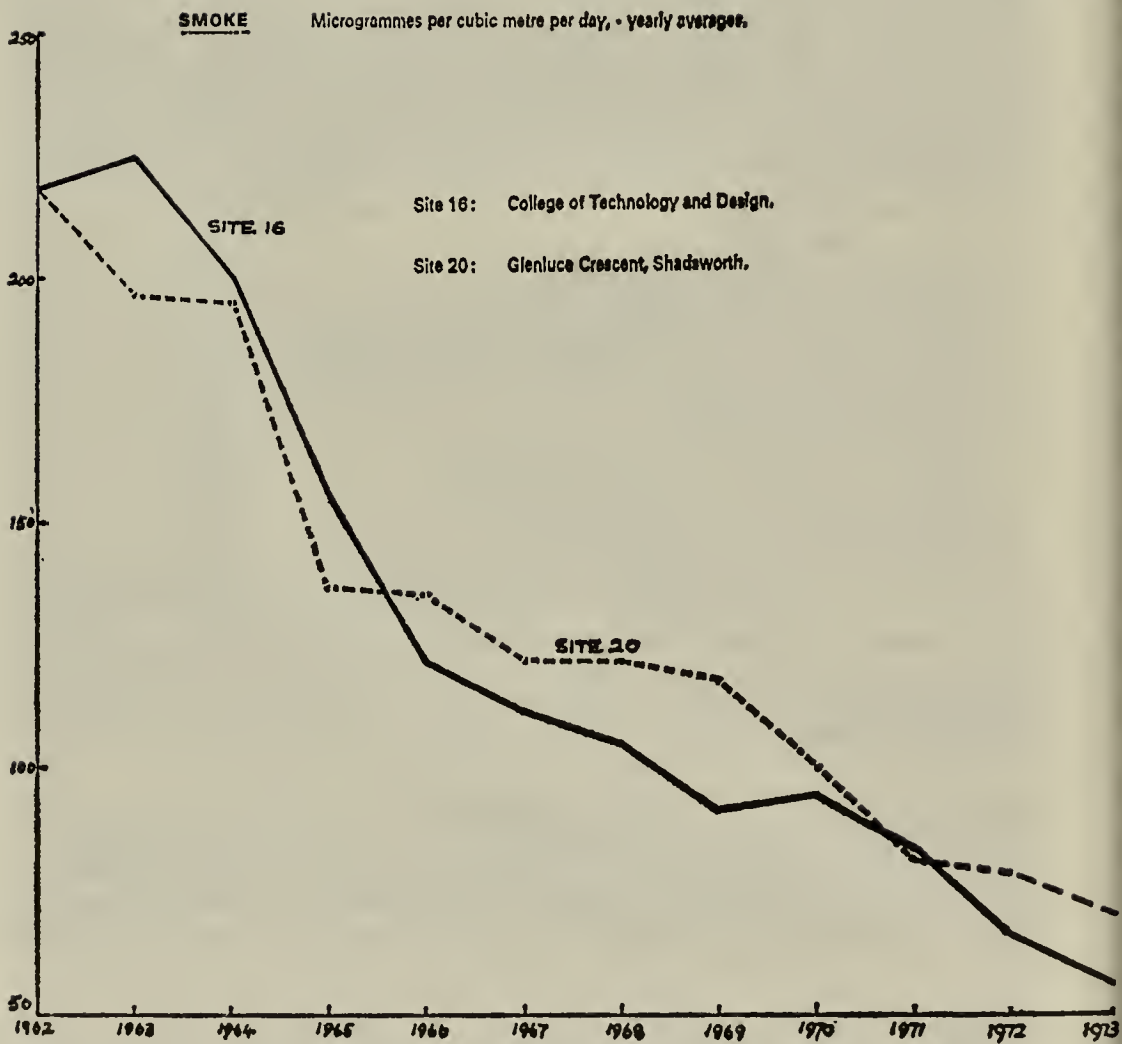
Measurement and Detection of Pollution

The Department continues to maintain a volumetric smoke and sulphur dioxide measurement apparatus at Glenluce Crescent in the Shadsworth district supported by one at the College of Technology and Design operated by the Staff. The results are appended to this report, and show a favourable trend.

General

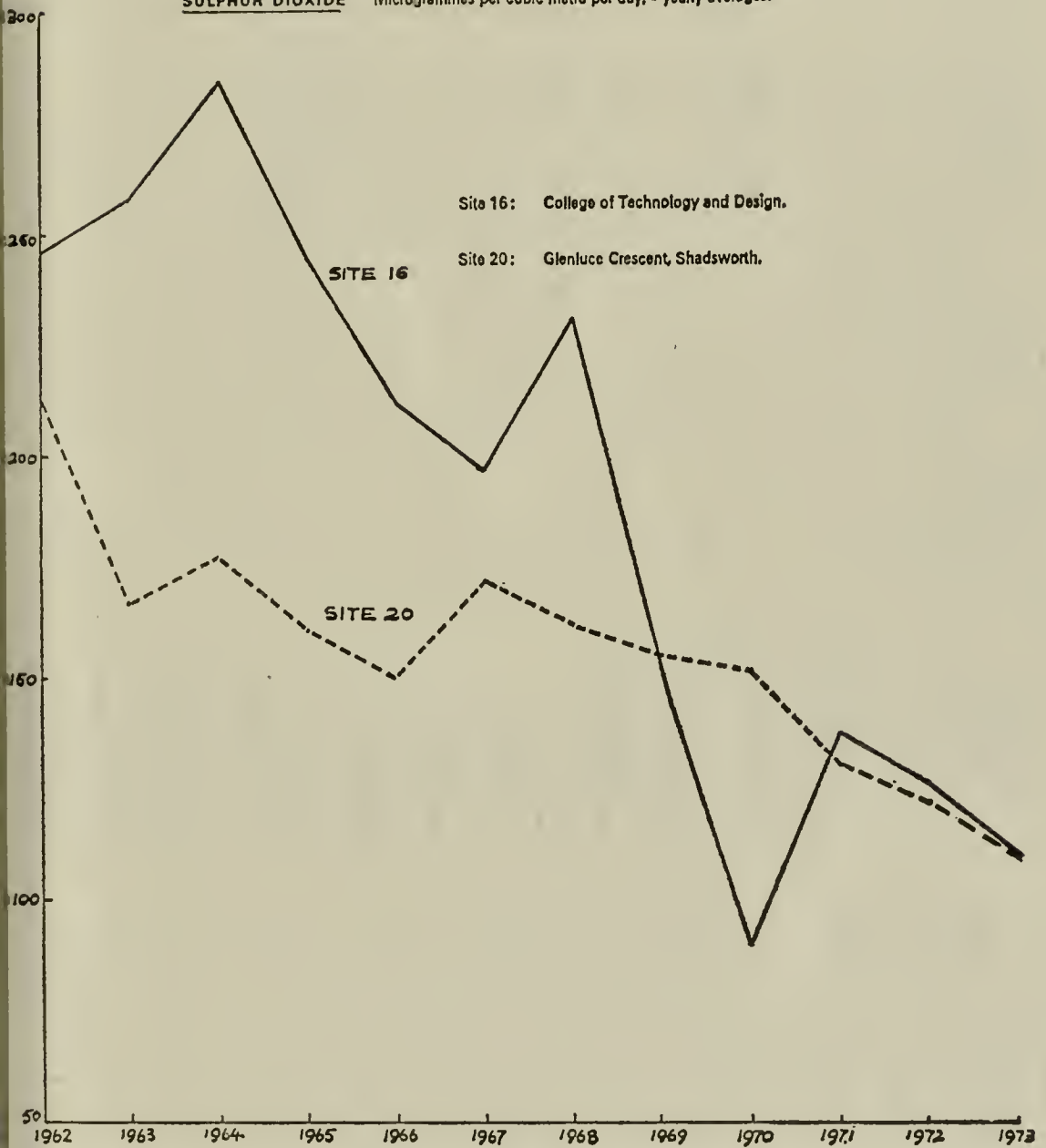
I am grateful for the continued assistance rendered in respect particularly to preventive measurement techniques by Dr. Rose and Mr. Hargreaves of the College of Technology and Design; and by the District Alkali Inspectors.

YEARLY AVERAGES



YEARLY AVERAGES

SULPHUR DIOXIDE Microgrammes per cubic metre per day, - yearly averages.



PROGRESS REPORT

Smoke Control Order	Acres	Number of Dwellings	No. of other Properties	Date of Order	Date of Confirmation	Date of Operation
No. 1 ..	80.0	1666 Private	100	1 - 9 - 60	18 - 9 - 61	1 - 8 - 62
No. 2 ..	86.6	1343 Private	39	5 - 10 - 61	20 - 3 - 62	1 - 4 - 63
No. 3 ..	346.0	492 Corporation 473 Private	26	18 - 7 - 62	15 - 10 - 62	1 - 11 - 63
No. 4 ..	146.0	80 Corporation 1326 Private	44	8 - 5 - 63	30 - 7 - 64	1 - 7 - 65
No. 5 ..	52.2	123 Corporation 242 Private	127	22 - 4 - 64	15 - 7 - 64	1 - 11 - 65
No. 6 ..	995.0	2 Corporation 1485 Private	33	11 - 8 - 65	9 - 12 - 65	1 - 11 - 66
No. 7 ..	111.5	1527 Private	66	8 - 2 - 67	25 - 4 - 67	1 - 7 - 68
No. 8 ..	104.6	214 Private	22	14 - 8 - 67	30 - 10 - 67	1 - 11 - 68
No. 9 ..	474.0	8 Corporation 1844 Private	101	11 - 9 - 68	6 - 12 - 68	1 - 11 - 69
No. 10 ..	696.0	126 Corporation 1629 Private	31	1 - 10 - 69	23 - 6 - 70	1 - 7 - 71
No. 11 ..	281.0	1401 Private	510	21 - 5 - 71	12 - 8 - 71	1 - 7 - 72
No. 12 ..	164.2	321 Private 36 Corporation	305	7 - 6 - 72	24 - 11 - 72	1 - 7 - 73
No. 13 ..	757.0	1287 Private 451 Corporation	66	26 - 7 - 72	15 - 1 - 73	1 - 11 - 73
No. 14 ..	220.0	2880 Private 450 Corporation	153	27 - 2 - 73	8 - 6 - 73	1 - 7 - 74
No. 15 ..	400.0	2307 Private 794 Corporation	139	22 - 8 - 73	..	1 - 11 - 74
Total ..	4914.1	22507	1762	..	..	..

Insoluble Matter

Yearly Averages in Milligrams per Square Metre per Day.

College of Technology & Design

Year ending 31st March	Milligrams per sq. metre per day
1964/65	80
1965/66	90
1966/67	87
1967/68	68
1968/69	102
1969/70	99
1970/71	84
1971/72	70
1972/73	57

INFECTIOUS DISEASES

Table 7

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR

NOTIFIABLE DISEASE	Number of Notifications Received	Number of Cases in which Diagnosis was subsequently corrected	Corrected number of notifications	Number admitted to hospital
Acute Encephalitis .....	..	..	..	..
Acute Meningitis	1	..	1	1
Anthrax	1	..	1	1
Cholera .....	..	..	..	..
Diphtheria .....	..	..	..	..
Dysentery	92	..	92	8
Food Poisoning	30	..	30	12
Infective Jaundice	83	..	83	11
Leprosy .....	..	..	..	..
Leptospirosis .....	..	..	..	..
Malaria	1	..	1	1
Measles	119	..	119	1
Ophthalmia Neonatorum	7	..	7	..
Paratyphoid Fever .....	..	..	..	..
Plague .....	..	..	..	..
Poliomyelitis (Paralytic) ..	..	..	..	..
Poliomyelitis (Non Paralytic)	..	..	..	..
Relapsing Fever .....	..	..	..	..
Scarlet Fever	21	..	21	1
Smallpox .....	..	..	..	..
Tetanus .....	..	..	..	..
Tuberculosis (Pulmonary) ..	61	..	61	38
Tuberculosis (other forms)	40	..	40	21
Typhoid Fever	3	..	3	3
Typhus Fever .....	..	..	..	..
Whooping Cough	2	..	2	..
Yellow Fever .....	..	..	..	..
TOTALS	461	..	461	98

NUMBER OF CASES OF INFECTIOUS DISEASES NOTIFIED

FROM 1963 TO 1973

Table 8

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Acute Encephalitis	..	..	..	..	..	..	..	..	1	..	..
Acute Meningitis	..	1	..	1	..	..	..	4	..	..	1
Anthrax	..	..	..	..	..	..	..	..	..	..	1
Cholera	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	119	201	85	117	52	40	20	19	52	218	92
Dysentery	..	..	..	..	..	17	62	25	52	38	30
Food Poisoning	..	..	..	..	..	..	..	36	19	20	83
Infective Jaundice	..	..	..	..	..	..	..	..	..	..	..
Leptosy	..	..	..	..	..	..	..	..	..	..	..
Leptospirosis	..	..	..	..	..	..	..	..	..	..	..
Malaria	..	..	..	..	..	..	..	..	..	..	..
Measles	606	454	925	1121	260	450	702	534	535	683	1
Ophthalmia Neonatorum	14	1	2	..	1	1	..	2	4	3	119
Paratyphoid Fever	3	..	..	..	..	..	2	1	..	1	7
Plague	..	..	..	..	..	..	..	..	..	..	..
Poliomyelitis (Paralytic)	..	..	31	..	..	..	..	..	..	..	..
Poliomyelitis (Non Paralytic)	..	..	29	..	..	..	..	..	..	..	..
Relapsing Fever	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	22	27	85	154	12	40	85	28	57	28	21
Smallpox	..	..	..	..	..	..	..	..	..	..	..
Tetanus	..	..	..	..	..	..	..	..	1	..	..
Tuberculosis (Pulmonary)	33	38	35	24	26	35	52	96	94	85	61
Tuberculosis (Non Pulmonary)	2	7	4	12	12	16	14	42	33	22	40
Typhoid Fever	1	..	..	..	1	..	..	1	1	..	3
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	62	38	4	1	32	8	7	18	9	..	2
Yellow Fever	..	..	..	..	..	..	..	..	..	..	..
TOTALS	946	827	1241	1473	415	600	882	806	858	1098	461

**COMMUNITY HEALTH
SERVICE**

STATISTICAL DETAILS

MISCELLANEOUS STATISTICAL DETAILS ON THE CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE

Table 9

ANTE-NATAL AND POST-NATAL CLINIC ATTENDANCES

Sessions Held		Women in Attendance		Total No. Attending
Medical Officers	Midwives	Ante-Natal	Post-Natal	
242	200	369	61	430

Table 10

ANTE-NATAL MOTHERCRAFT AND RELAXATION

No. of women who attended during the year	(a)	Institutional Booked	165
	(b)	Domiciliary Booked	40
	(c)	Total	205
No. of attendances	..	..	917

Table 11

EXAMINATIONS CARRIED OUT AT ANTE-NATAL CLINICS

	Total
Rh. Factor—Women	258
—Men	—
Kahn Test—Women	258
—Men	—
Wasserman Test—Women	1
—Men	—
Tests for Antibodies	24
Haemoglobin Estimation	418
Fasting Blood Sugar	3
Pregnancy Tests	19
Referred to Special Clinic	—
„ „ Heart Clinic	—
„ „ Obstetrician	150
„ „ for X-Ray (Chest)	4
„ „ X-Ray (Pelvimetry)	4
Full Blood Counts	25

CERVICAL CYTOLOGY.

	WEST	EAST	TOTAL
Number of Attendances	371	390	761
Number of new patients	207	189	396
Number of 3-year Recalls	153	198	351
Number of Repeat Smears	11	3	14
Results of Tests:			
Non-Malignant	371	387	758
Malignant	0	3	3
Monilia Present	10	16	26
Trichomonas Present	2	3	5
Inflammatory Changes	220	63	283

Table 13
ATTENDANCES AT CHILD HEALTH CENTRES

	WEST DIVISION							EAST DIVISION										GRAND TOTAL		
	Leamington Road	Montague	Griffin	Longshaw	Bentham Road	Lammack	TOTAL (WEST)	Little Harwood (2 sessions per week)	Cornelian Street	Larkhill (2 sessions per week)		Guide	Glouce	Hozier Street (To June-trans. to Audley)	Newton St. (2 sessions per wk. to June trans. to Audley)	Audley from July (2 sessions per week)			TOTAL (EAST)	
										Mon	Thur					Mon	Wed			Mon	Thur	Tue	Thur
INFANTS—																				
New Cases under One..	107	175	84	164	139	91	760	152	77	120	213	30	67	81	92	146	78	55	1171	1931
Total Number attending during the year	129	215	157	193	166	133	993	174	82	158	248	75	94	112	127	316	82	62	1634	2627
Attendances—Under 1..	1134	1505	582	1646	1299	1149	7315	971	705	549	901	187	775	525	342	705	622	544	7505	14820
—Over 1..	380	585	396	771	614	620	3366	563	646	222	533	121	394	319	233	234	206	325	4270	7636
Total Attendances of Infants	1514	2090	978	2417	1913	1769	10681	1534	1351	771	1434	308	1169	844	575	939	828	869	11775	22456
Consultations with Dr.	433	375	94	320	280	434	1936	159	161	181	242	86	86	48	184	100	87	165	1665	3601
Average Attendance of Infants per session	32	43	19	49	41	37	..	34	27	19	30	14	28	47	26	40	33	30	..	..

Table 14

**DENTAL SERVICE FOR EXPECTANT AND
NURSING MOTHERS AND CHILDREN UNDER 5 YEARS**

Part A. Attendances and Treatment

Number of Visits for Treatment during year	Children 0—4 (incl.)	Expectant & Nursing Mothers
First Visit	130	64
Subsequent Visits	64	64
Total Visits	194	128
Number of Additional Courses of Treatment other than the First Course commenced during year	2	—
Treatment provided during year—No. of Fillings	84	56
Teeth Filled	76	49
Teeth Extracted	274	65
General Anaesthetics given	42	2
Emergency Visits by Patients	98	49
Patients X-Rayed	—	—
Patients Treated by Scaling and/or Removal of Stains from the teeth (Prophylaxis)	1	3
Number of Courses of Treatment Completed	67	19

Part B. Prosthetics

Patients Supplied with F.U. or F.L. (First time)	—	—
Patients Supplied with Other Dentures	—	2
Number of Dentures Supplied	—	4

Part C. Anaesthetics

General Anaesthetics Administered by Dental Officers ..	—
---	---

Part D. Inspections

	Children 0—4 (incl.)	Expectant & Nursing Mothers
Number of Patients		
Given First Inspections during year ..	201	46
In A and D above who required Treatment	114	38
In B and C above who were offered treatment	108	38
Re-inspected during year	—	—

Part E. Sessions

Number of Dental Officer Sessions (<i>i.e.</i> Equivalent Complete Half days) devoted to Maternity and Child Welfare Patients :			
For Treatment	..	44	
For Health Education	..	—	

Table 15

HOME VISITS BY HEALTH VISITORS

	WEST DIVISION	EAST DIVISION	TOTAL
Early Discharge	28	54	82
Expectant Mothers	445	343	788
Infants under 1 year	4975	4675	9650
Children 1—5 years	4249	6322	10571
Screening Tests	1270	889	2159
Care of Aged	2622	3365	5987
Care/After Care	1651	4084	5735
Mentally Disordered.....	32	84	116
Tuberculosis	84	493	577
Other Infectious Diseases.....	28	97	125
Hostels	3	2	5
Home Accidents	76	134	210
Immigrants.....	834	7227	8061
Physically Handicapped	308	222	530
Total	16605	27991	44596
Ineffective Visits	2895	3275	6170
GRAND TOTAL	19500	31266	50766

Visits at Special Request of G.P. or Hospital :			
(i) Aged 65 or over	385	197	582
(ii) Mentally Disordered ..	32	84	116
	WEST	EAST	TOTAL
Health Education—Talks.....	69	222	291
Mothers' Clubs	2	13	15
Discussions with other Social Workers	6	52	58
Students in Training	295	235	530

HEALTH VISITING — CASE LOADS OF SPECIAL GROUPS

Table 16

District	Children "At Risk "	Problem Families	Handicapped		Care and After Care Cases	Aged
			Under 16	Over 16		
West No. 1	14	—	7	—	29	—
2	17	1	5	—	61	—
3	8	3	1	—	29	—
4	15	1	8	—	43	—
5	21	3	3	—	64	—
6	23	3	—	—	62	—
7	30	—	4	—	66	—
8	25	5	9	—	53	—
9	20	—	4	1	41	—
9A	29	—	1	—	23	3
10	26	11	7	—	71	—
11	26	—	12	—	16	—
11A	41	2	4	—	30	—
G.P.'s A	108	8	23	—	268	1
East No. 1	15	—	5	—	100	—
2	28	—	8	—	16	—
2A	19	—	1	—	61	—
3	15	—	1	—	41	—
3A	43	—	3	4	40	—
4	48	—	20	—	130	—
4A	43	7	6	6	172	—
5	18	1	2	—	78	—
6	35	12	13	15	43	—
7	17	7	4	5	80	—
8	20	—	4	5	39	—
9	58	—	—	8	62	—
10	21	—	7	7	120	—
11	13	—	11	—	107	—
12	22	—	20	—	138	—
13	29	5	11	—	147	—
G.P.'s A	44	—	17	—	180	—
Totals West	403	37	88	1	856	4
East	488	32	133	50	1554	—
Grand Total	891	69	221	51	2410	4

Table 17**CLINIC SESSIONS ATTENDED**

	WEST DIVISION	EAST DIVISION	TOTAL
Maternity and Child Health			
Centres	692	798	1490
Paediatric	88	57	145
Chest	18	30	48
Geriatric	41	19	60
Special	31	..	31
Ante-Natal	19	53	72
Prophylatic	129	140	269
Ophthalmic	111	160	271
Ear, Nose and Throat	77	107	184
Audiometry	1	..	1
Inspection	47	88	135
Follow-up	152	67	219
Disinfestation Centre	514	239	753
M.A.C. and others	907	319	1226
Totals	2827	2077	4904

Notification of Births

The following Table shows the number of notified births in the County Borough during 1973.

Of the 1,721 babies born to Blackburn mothers, 1,646 were Hospital deliveries.

	Live Births	Still Births	Total
Blackburn	1139	33	1172
Transferred to other areas	1072	20	1092
Total	2211	53	2264

DOMICILIARY MIDWIFERY 1972

	Doctor not booked	Doctor booked	Cases delivered in hospital but discharged before 10th day
No. of Confinements attended	131	1827

Doctor present at delivery	..	..	4
Trilene Administered	..	..	88
Pethedine given	..	..	83
Night Calls	..	..	81

Table 18.

MIDWIFERY STATISTICS 1962 -- 1973

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Live Births	1791	1750	1798	1777	1805	1861	1848	1842	1935	1888	1813	1707
Stillbirths	45	36	40	29	29	25	30	36	31	39	18	35
Birth Rate	16.93	16.66	17.35	17.24	17.73	18.44	18.4	18.4	19.3	20.00	20.2	17.1
Midwives—												
No. of confinements attended	567	516	495	440	394	348	245	184	160	168	131	74
(a) Doctor present	32	46	34	..	..	10	8	8	4	3	4	..
Our Lady of Compassion	184	164	191	135	125	110	168	135	143	111	114	93
Hospital Discharges before 10th day	423	287	526	544	786	1078	1274	1297	1549	1514	2120	1576
No. of Visits to Early Discharges	2460	2035	3038	3044	4769	5843	6895	7304	8627	7954	7134	7878

Home Nursing

The following table indicates the work carried out by the District Nursing Service in 1973 :

Table 19

Cases outstanding on 1st January, 1973	..	..	..	..	..	873
New Cases	..	..	..	..	..	3064
Number of Visits	..	..	..	..	..	83,055
Cases outstanding on 31st December, 1973	..	..	..	..	..	850

Type of Case	No. of Cases
Anaemia	472
Arthritis	59
Cancer	103
C.N.S. Disease	30
Diabetes	31
Heart Disease	93
Infectious Diseases	37
Mental Illness	26
Post Operative Surgical	1073
Other Surgical	168
Respiratory Disease	107
Stroke or Circulatory Disease	187
Tuberculosis	135
Other	5121
Skin Disease	85

Patients included in the above who were over 65 at the time of first visit. 1327

Children included in the above who were under 5 yrs. at the time of the first visit. 110.

The number of visits carried out has varied over the past few years as follows :

1966	Total visits	73,619
1967	„ „	70,808
1968	„ „	73,215
1969	„ „	76,193
1970	„ „	80,281
1971	„ „	85,016
1972	„ „	85,688
1973	„ „	83,055

Vaccination and Immunisation

The 1973 statistics of prophylaxis are in the tables below.

Table 20

Diphtheria, Whooping Cough, Tetanus, Poliomyelitis

Number of Primary Courses completed and Reinforcement Doses given during the Year 1973

	YEAR OF BIRTH						Total	
	1973	1972	1971	1970	1966/69	Others Under 16 years		
DIPHTHERIA								
Primary Course	3	741	540	65	156	222	1727	
Booster ..	..	..	..	..	932	237	1169
WHOOPING COUGH								
Primary Course	..	721	528	59	38	1	1347	
Booster .. ..	..	..	..	..	5	..	5
TETANUS								
Primary Course	3	742	540	65	146	534	2030	
Booster .. ..	..	..	..	..	877	260	1137
POLIOMYELITIS								
Primary Course	} Oral	2	721	524	66	164	236	1713
Booster		..	1	858	294	1153

Table 21

Type of Vaccine	Given by	No. of Doses	
		Primary	Booster
Quadruple (Diphtheria, Tetanus, Whooping Cough, Poliomyelitis)	G.P.s only	..	..
Triple (Diphtheria, Whooping Cough, Tetanus)	L.A. Drs. and G.P.s	1395	5
Diphtheria/Tetanus	L.A. Drs. and G.P.s	345	1066
Tetanus	L.A. Drs. and G.P.s	357	100

Table 22

Yellow Fever

Year	Persons Vaccinated	
1963	313
1964	401
1965	404
1966	349
1967	289
1968	424
1969	549
1970	650
1971	668
1972	649
1973	628

Table 24

Tuberculosis

Number of Contact Examinations	822
Number of Heaf's Multiple Puncture Tests of Contacts	822
Number negative and given B.C.G.	376
Number positive	297
Mass Vaccination of School Children :	
Number of Invitations sent	2055
Number Accepted	1983
Number Heaf Tested	1572
Number Positive	278
Number Negative and Vaccinated	1206

Tetanus

With the co-operation of the Accident and Medical Records Departments of the Royal Infirmary, Blackburn, adult residents who attend as casualties are invited to complete anti-tetanus injections at Montague and Larkhill Health Centres. Five hundred and eighty two patients completed such courses during the year.

Children referred following an accident are automatically included in the school or pre-school programmes.

MASS RADIOGRAPHY

Report on the Annual Survey held in Blackburn in 1973.

Blackburn General Practitioner Sessions

	Males	Females	Total
General Practitioner Referrals	1,339	1,010	2,349
Contacts	159	126	285
New Immigrants	43	75	118
Special Industrial X-rays	326	375	701
Statutory X-rays	56	488	544
School Children	28	23	51
General Public	17	31	48
	1,968	2,128	4,096

Significant Abnormalities	Rate per 1000 3.66		
0 T. B. Requiring Treatment	7	8	15
2 Bronchial Carcinoma	12	5	17
3 Non Malignant Neoplasms	2	2	4
5 Sarcoidosis	—	1	1
6 C.V.L. Congenital	—	1	1
7 C.V.L. Acquired	29	24	53
8 Pneumoconiosis	2	—	2

Industrial Contact Visits and Special Surveys

Contacts	1,316	737	2,053
Special Surveys	247	54	301
	1,563	791	2,354

Significant Abnormalities	Rate per 1000 2.55		
0 T. B. Requiring Treatment	5	1	6
3 Non Malignant Neoplasm	1	—	1
5 Sarcoidosis	1	—	1
7 C.V.L. Acquired	3	4	7
8 Pneumoconiosis	—	1	1

COLOSTOMY

I am indebted to Mrs. A. Watson for the following report.

Visits made to Patients in Hospital

BLACKBURN— INFIRMARY ..	48
QUEENS PARK ..	36
Leigh Infirmary	1
Manchester Northern	2
Nelson Reedyford	5
Wigan	11

Visits made to Patients at Home

BLACKBURN AND DISTRICT ..	28
Blackpool	2
Burnley	3
Bury	1
Manchester District	5
Morecambe	1
Preston	5
Rochdale District	4
Wigan District	10

Patients contacted at Health Centre

BLACKBURN AND DISTRICT ..	25
Blackpool	2
Bolton	1
Colne	1
Manchester	8
Preston	4
Rochdale	3
Sale	3
Wigan	25

Letters of Advice to Patients

BLACKBURN AND DISTRICT ..	6
Blackpool	15
Bolton	8
Burnley	5
Bury	1
Derby	1
Liverpool District	8
Manchester District	34
Morecambe	1
Oldham District	12
Preston	14
Southport	8
Ulverston	2
Wigan	17

This work is steadily expanding and I should like to express my gratitude and that of the Council and Trustees of the Colostomy Welfare Group to Dr. Ardley and the Local Authority for their invaluable help and support.

Alice Watson

AMBULANCE SERVICE

Statistical Details

Total mileage:	Ambulances	117,895
	Dual Purpose	90,353
	Car	14,640
		<hr/>
		222,888

Breakdown of above total:

1. Borough	Ambulances	101,300	
	Dual Purpose	76,842	
	Car	13,288	191,430
2. County	Ambulances	14,147	
	Dual Purpose	13,453	
	Car	1,000	28,600
3. Other Allocations		2,858	2,858
		<hr/>	<hr/>
			222,888

Summary of above sections:

	<i>Ambulances</i>	<i>Dual P'pose</i>	<i>Car</i>	<i>Total</i>
1. Borough	101,300	76,842	13,288	191,430
2. County	14,147	13,453	1,000	28,600
3. (a) Other Local Auth.	10	12		22
(b) Occupation Centre	6	6		12
(c) Education	2,432	2		2,434
(d) Social Services		38		38
(e) Health General			350	350
(f) Clinics and Centres			2	2
	<hr/>	<hr/>	<hr/>	<hr/>
	117,895	90,353	14,640	222,888

AMBULANCE SERVICE

Table 26

Ambulance Running during the year ended 31st March, 1973 :

1. Number of operational vehicles at 31st March, 1973 :									
(a)	Ambulances 2/4 stretchers	..	..	..	..	..	..	..	8
(b)	Mobile Intensive Care Unit 2 stretchers	..	..	..	..	..	..	..	1
(c)	Dual-purpose vehicles, 1 stretcher	..	..	..	..	..	..	..	6
(d)	Sitting-Case vehicles	..	..	..	..	..	..	..	2
									17
2. Total Mileage :									
(a)	Ambulances 2/4 stretchers plus Intensive Care Unit	..	..	..	..	..	..	..	117,895
(b)	Other vehicles	..	..	..	..	..	..	..	104,993
									222,888
3. Number of Persons carried :									
(a) Accident or Emergency :									
	Stretcher cases	..	..	..	..	..	..	..	2,464
	Sitting cases	..	..	..	..	..	..	..	2,272
(b) Others :									
	Stretcher cases	..	..	..	..	..	..	..	5,318
	Sitting cases	..	..	..	..	..	..	..	58,437
(c)	Others : Non-Section 27 cases	..	..	..	..	..	..	..	658
									69,149
4. Patients carried by Rail :									
(a)	Number of Persons	..	..	..	..	..	..	..	9
(b)	Mileage	..	..	..	..	..	..	..	2,097
5. Number of operational staff									
6. Number of Ambulance Stations									
7. Population of Service Area									
8. Service Area (square miles)									

TYPES OF CASES CARRIED.

Ambulance Service

Accidents :	Works	..	..	..	..	..	..	..	191
	Play	..	..	..	..	..	..	..	382
	Home	..	..	..	..	..	..	..	577
	Street	..	..	..	..	..	..	..	1,001
Mental Cases	..	..	..	..	..	..	..	..	3
Maternity	..	..	..	..	..	..	..	..	991
Collapse..	..	..	..	..	..	..	..	..	1,591
Hospital to Hospital	..	..	..	..	..	..	..	..	2,722
Treatment	..	..	..	..	..	..	..	..	34,823
Discharges	..	..	..	..	..	..	..	..	3,979
Hospital Admissions	..	..	..	..	..	..	..	..	3,912
Convalescent Homes	..	..	..	..	..	..	..	..	75
Infectious Diseases	..	..	..	..	..	..	..	..	257
Day Treatment cases	..	..	..	..	..	..	..	..	17,765
House to House transfers	..	..	..	..	..	..	..	..	222

Other Services

Social Club	..	..	..	..	..	..	..	..	15
Education	..	..	..	..	..	..	..	..	609
Social Services	..	..	..	..	..	..	..	..	24
Occupation Centre	..	..	..	..	..	..	..	..	6
Clinics and Centres	..	..	..	..	..	..	..	..	4

Not required and False Calls 4,560

Mileage run by Ambulance Service for other services:

Social Services	50
Health General	350
Clinics & Centres	2
Education	2,434
	<u>2,836</u>

Mileage run by the Health Department vehicle:

RCB 14K		
	Social Services (Blind Welfare)	1,909
	Health General	9,778
	School Health Services	66
		<u>11,753</u>

Number of Non-section 27 persons carried:

RCB 14K		
	Blind Welfare	1,403
		<u>1,403</u>

ANNUAL REPORT, 1973

The Assessment Clinics continue to be held by Dr. P. A. Gardner and the Senior Occupational Therapist, with more patients attending.

The three weekly remedial sessions were extended to five per week in August when a new Occupational Therapist, Mrs. Christine Johnstone, was employed.

Many more referrals came from the Social Services Department for aids and adaptations. All recommendations for equipment were sent to Social Services and they supplied the aids, etc., in many cases.

There were more home visits made during 1973 because of the increase of referrals from various sources, e.g. Social Services, General Practitioners, and Hospitals.

Visits by Occupational Therapists.

Workshop Sessions	360
Other Visits	204
Domiciliary for Aids to Daily Living	1870
Domiciliary for Bus Passes	135
Blackamoor School	40

Loan of Equipment. Invalid aids are available on loan or supply from the Health Centres often on the advice of District Nurses or Health Visitors or requests from General Practitioners.

Annual issues in 1973 were:-

Bedpans	128	Urinals	109
Bed Cages	35	Mackintosh Sheets	151
Air Cushions . . .	54	Back Rests	75
Air Beds	—	Crutches (pairs)..	11
Commodes	42	Walking Sticks . . .	26
Bed Pulley	1	Feeding Cups....	10
Bed Blocks	2	Incontinent Pads	3,869
Wheelchairs	56	(in packs of 25)	
Bed Table....	3		
Walking Aids....	85		

In many cases the loans are virtually permanent and this is a very valuable supportive service to community medical needs.

Registration of Homes

NURSING HOMES

Three Homes are registered under the Nursing Homes Act, 1963 :

		Beds Provided	
		Maternity	Other
" Our Lady of Compassion," Beardwood	..	9	.. 26
" Rockmount," Adelaide Terrace	..	—	.. 15
"Bamford House" Preston New Road	..	—	.. 16

MISCELLANEOUS STATISTICS

Superannuation Examinations

Number of questionnaires	1204
Number of Superannuation Examinations	262
Number of Training College Candidates and	102
Temporary Teacher Examinations	

Cremations

The Medical Officer of Health and Deputy Medical Officer of Health are the medical referees for the authorising of cremations under the Cremation Acts.

During 1973, 1449 cremations were authorised: 855 Borough, 594 out of Borough.

Chiropody

PART 1 Number of persons treated during year ending 31st December 1973.

		By Local Authorities (1)	By Private Chiropodists (2)	Total (3)
1	Persons aged 65 and over	695	4952	5647
2	Expectant Mothers	15	—	15
3	Others	5	—	5
4	Handicapped Persons	201	—	201
5	School Children	1481	—	1481
6	Pre-School Children	35	—	35
	TOTAL	2432	4952	7384

PART 2 Number of treatments given during year ending 31st December 1973.

		By Local Authorities (1)	By Private Chiropodists (2)	Total (3)
1	In clinics	6636	—	6277
2	In patients' homes	636	6504	6353
3	In old people's homes	3321	—	3321
4	In chiropodists' surgeries	—	15221	15221
	TOTAL	10593	21725	32318

**REPORT ON
SCHOOL HEALTH SERVICE**

EDUCATION COMMITTEE

1973-74

THE MAYOR (*Ex-Officio*)

Alderman	SIR GEORGE EDDIE, O.B.E., J.P.
„	L. EDWARDS, F. INST., L.Ex. (<i>Vice-Chairman</i>)
„	W. A. HENSHALL, M.C.
„	Mrs. M. A. McNAMEE
„	J. SIMPSON
Councillor	R. N. S. EDWARDS
„	T. ELLIS
„	E. W. GORTON
„	G. BRAMLEY HAWORTH
„	F. HIGHAM
„	F. HULME
„	Miss F. G. LEWIS
„	T. H. MARSH
„	T. TAYLOR, O.B.E., J.P. (<i>Chairman</i>)
„	C. WEST
„	H. E. WHITE
„	R. WILLIAMS
The Rev. Canon	L. E. H. SWAN
The Rev.	J. HENNESSY
The Rev.	J. E. WATSON
	J. BOLTON, Esq.
	A. L. ECCLES, Esq.
	H. GREEN, Esq.

SCHOOL CLINICS

School Clinics :

School Clinics are distributed as follows:

LARKHILL MAJOR HEALTH CENTRE :

and

MONTAGUE MAJOR HEALTH CENTRE : Inspection and Follow-up Clinics, Ophthalmic, Dental, Physiotherapy, Immunisation and Vaccination, Ear, Nose and Throat, Audiology, Orthoptic, Speech, Chiropody, Child Guidance (attendances are by appointment).

SATELLITE HEALTH CENTRES :

Little Harwood Health Centre

Audley Health Centre

The treatment of Scabies and Cleansing of Verminous Cases continues to be given at the Bathing Unit attached to the Disinfecting Station.

COST OF SCHOOL HEALTH SERVICE 1973

EXPENDITURE						£	p
Salaries and Fees	..	..	..	..	..	80,731	37
Local Government Superannuation:							
Employer's Contribution	..	..	..	..	..	3,998	02
Equal Annual Charge	..	..	..	..	..	848	50
Additional Allowances & Pensions Increase Acts						218	44
National Insurances:							
Employer's Contributions	..	..	..	..	..	2,029	22
Graduated Pensions Contributions	..	..	..	..	..	1,341	76
Staff Training	..	..	..	..	..	186	09
Travelling Expenses and Subsistence Allowances						2,366	47
Drugs, Medical Requisites and Apparatus					..	4,978	41
Laundry	..	..	..	..	..	170	08
Printing, Stationery, Postages and Telephones etc.						2,246	83
Uniforms	..	..	..	..	..	466	16
Upkeep of Buildings	..	..	..	..	..	15,847	33
Medical Inspections — Intending Teachers					..	388	80
Sundries	..	..	..	..	..	1	15
Loan Charges	..	..	..	..	..	571	00
Total Expenditure						116,389	63

INCOME						£	p
Recovered from:							
Blackburn Executive Council, N.H.S.							
(Sight Testing)	..	..	..	..	..	985	60
Regional Hospital Board Orthoptic Clinics					..	997	75
Lancashire County Council Orthoptic Clinics					..	580	49
Services to Health Department	..	..	..	..	..	415	36
Services to Regional Hospital Board	..	..	..	..	..	371	54
Total Income						3,350	74

EXPENDITURE LESS INCOME — £113,038 89p.

The rateable value of the Borough on 31st March, 1973, was £3,978,895. The cost of medical inspection and treatment in schools for the twelve months ended 31st March, 1973 was £113,039 compared with £97,963 in the previous year.

This was equivalent to £5.95 per child on the school rolls, and expressed as a penny rate was 3.12 pence.

SCHOOL POPULATION

Particulars of children on the rolls at maintained schools are as follows:

<i>Number of Schools</i>	<i>Numbers on Roll September 1973</i>
6 Nursery Schools	451 (all part-time)
49 Primary Schools	11781 full-time 227 part-time
8 Secondary Schools	8191
4 Special Schools	378
Number of Nursery Classes	5
Average Number in Class	50 (on half-time basis — 25 per session)

SECTION ONE

MEDICAL INSPECTIONS

The arrangements for medical inspection are as outlined in my Report for 1969.

The following tables show the results of Periodic Examinations carried out during the year.

Table 1. Periodic Medical Inspections

Age Groups inspected (By year Birth)	Number of pupils who have received a full medical examination	PHYSICAL CONDITION OF PUPILS INSPECTED		No. of Pupils found not to warrant a medical examination
		Satisfactory	Unsatisfactory	
1969 & later	547	536	11	..
1968	354	345	9	..
1967	1000	991	9	..
1966	957	949	8	..
1965	106	102	4	..
1964	47	41	6	..
1963	41	36	5	..
1962	967	960	7	21
1961	504	495	9	11
1960	64	58	6	..
1959	54	43	11	..
1958	28	23	5	..
1957 & earlier	544	538	6	..
TOTAL	5213	5117	96	32

Table 2. Other Inspections

Notes: A special inspection is one that is carried out at the special request of a parent, doctor, nurse or other person.

A re-inspection is an inspection arising out of one of the periodic medical inspections or out of a special inspection.

Number of special inspections	..	..	245
Number of Re-inspections	..	..	720
			<hr/> 965 <hr/>

VISITS/SESSIONS BY HEALTH VISITORS/SCHOOL NURSES

Home Visits

The School Nurses/Health Visitors carried out 687 post medical inspections visits to homes.

School Visits

Discussions with Head Teachers	..	..	..	..	465
Vision Tests	..	..	..	..	5840
Periodic Examinations	..	..	..	..	1942
					<hr/> 8247 <hr/>

Hygiene Examinations

Children examined	..	..	..	..	38146
Children requiring treatment	..	..	..	..	1507
					<hr/> 39653 <hr/>

Clinic Sessions Attended

Ophthalmic	..	..	..	..	..	..	271
Ear, Nose & Throat	..	..	..	..	..	..	184
Audiometry	..	..	..	..	..	..	1
Prophylactic	..	..	..	..	..	..	269
Inspection	..	..	..	..	..	..	135
Follow-up	..	..	..	..	..	..	219
Disinfestation	..	..	..	..	..	..	753
Others	..	..	..	..	..	..	1205
							<hr/> 3037 <hr/>

SECTION TWO

TREATMENT

Tonsils and Adenoids.

In all one hundred and sixty two children were operated upon during the year from the operation list compiled by the Health Service. Three hundred and ninety four children remained on the waiting list at the end of the year.

The department is notified of all children operated upon to ensure follow-up on discharge.

Visual Defects.

Mr. P. R. Stevens & Dr. D. M. Somerville, Consultant Ophthalmologists, continued to hold sessions at Montague & Larkhill Health Centres. Details of attendances are as follows:

	1971	1972	1973
Attendances	1203	1061	1273
Sessions held	111	706	129
New cases	387	383	307
Prescriptions for Spectacles	472	535	359

PHYSIOTHERAPY

The School Health Service Physiotherapy work has been continued during the past twelve months by two full-time Physiotherapists. Their time has been divided between Dame Evelyn Fox School and Blackamoor School plus sessions in the two Health Centres.

More concentration has been placed on working with the pre-school handicapped children and we are pleased that such cases are beginning to be referred at an early stage for treatment. A great deal of help can be given to both the children and their parents by regular checks on progress and instruction in home management.

Children showing signs of delayed development and poor co-ordination are also receiving more attention, as it is felt that if these cases are diagnosed and treated as young as possible, it may alleviate many problems which may arise when they start to attend school and cannot be given the same individual attention.

Closer liaison between all professional people dealing with any child is considered to be essential and this is becoming more self evident. In many instances this includes regular case conferences and working with teachers in the classroom, so that a firm basis of treatment in all directions can be discussed and carried out. We hope all these efforts towards a more unified method of approaching the problems arising with a handicapped child will produce the desired results.

Mrs. B. J. Lambert
Mrs. S. E. Standen

PHYSIOTHERAPY

Special Schools

Health Centres

Blackamoor D. Evelyn Fox

<i>Reason for Referral</i>	<i>Cases</i>	<i>T'ment</i>	<i>Cases</i>	<i>T'ment</i>	<i>Cases</i>	<i>T'ment</i>
Respiratory Defects	15	85	19	251	4	37
Neurological Problems	28	378	21	623	15	940
Orthopaedic Defects	69	227	2	14	2	18
Dermatological Defects	15	65	1	2	—	—
TOTAL	127	755	43	890	21	995

ORTHOPTIC SECTION

During 1973, the Orthoptic Department continued to function with a staff of one part time and two full time orthoptists. Sixteen sessions per fortnight were carried out at both Larkhill and Montague Health Centre, and seven sessions per week at Blackburn Royal Infirmary.

Visual screening of junior school entrants was also done by the orthoptist on both east and west sides of the town.

Once again we must thank the Consultant Ophthalmologists, Mr. P. R. Stevens and Dr. D. M. Somerville for their help and interest during the year.

The statistics are tabulated below:

Montague Health Centre

				County	Borough	Total
New Cases	..	..	..	68	42	110
Old Cases	..	..	..	542	610	1152
Total Attendance						1262
<i>Discharges</i>						
Functional	..	..	..		30	
Cosmetic	..	..	..		13	
Failed to Attend and Left District					10	
Number of children seen in school						913

Larkhill Health Centre

New Cases	..	..	..	24	43	67
Old Cases	..	..	..	891	779	1670
Total Attendances						1737
<i>Discharges</i>						
Functional	..	..	..		27	
Cosmetic	..	..	..		19	
Failed to Attend and Left District					2	
Number of children seen in school						403

Blackburn Royal Infirmary

New Cases	..	..	..	321		
Old Cases	..	..	..	2258		
Total Attendance				2579		

Speech Therapy

December 1972 found Mrs. Knight running the Speech Therapy Service single-handed but in January 1973 Mrs. Banks returned to work 2 sessions at Larkhill. Mrs. Knight continued to do 5 sessions.

Sessions were worked as follows:

Mrs. Knight	Monday	a.m.	Montague
	Tuesday	"	"
	Wednesday	"	Crosshill Blackamoor — alt. weeks.
	Thursday	"	Larkhill
	Friday	"	"
Mrs. Banks	Monday	p.m.	Larkhill
	Thursday	"	"

In April we were fortunate enough to acquire the services of Mrs. E. Hope, full time. The timetable was adjusted and Mrs. Hope took over the running of Montague Speech Clinic, while Mrs. Knight and Mrs. Banks ran Larkhill Speech Clinic between them. It was now possible to give all the Special Schools, including Dame Evelyn Fox, one session a week and the timetable was as follows:

Mrs. Knight	Monday	a.m.	Larkhill
	Tuesday	"	Dame Evelyn Fox S. S.
	Wednesday	"	Blackamoor S.S.
	Thursday	"	Larkhill
	Friday	"	"
Mrs. Banks	Monday	p.m.	Larkhill
	Thursday	"	"
Mrs. Hope	Monday	a.m. & p.m.	Montague
	Tuesday	" " "	"
	Wednesday	a.m.	Crosshill
	"	p.m.	Montague
	Thursday	a.m.	Larkhill
	"	p.m.	Montague
	Friday	a.m. & p.m.	"

The pre-school group continued on Thursday mornings at Larkhill run jointly by Mrs. Knight and Mrs. Hope.

During the latter part of 1972 the waiting lists in both clinics were inevitably growing longer. However, with the advent of Mrs. Banks, the situation improved at Larkhill and when Mrs. Hope joined the staff in April there was a considerable reduction in waiting time and numbers at Montague Health Centre.

Larkhill

During the year, the number of County children attending the Clinic has increased slightly — made possible by the reduction in the waiting list.

We have also seen an increase in the number of stammers being referred and in one case it became necessary to contact the N.S.P.C.C. because the home situation was having a serious effect on the speech.

In September, one child who had been receiving Speech Therapy for a number of years, was admitted as a pupil to Moor House Residential School in Surrey for Children with severe Speech Disorders. We are following her progress with interest.

Total No. of Schoolchildren seen	172
Total attendances	1005
Total No. of Pre-School children seen	12
Total attendances	314
Discharges — School Children	75
Pre-School „	1
Total failed appointments	298

Montague

There has continued to be a high number of pre-school children referred for Speech Therapy and this is a situation which the therapists wish to encourage.

Towards the end of 1973 the number of stammers in the 11-15 years age group, referred or re-referred to the Clinic increased. Some of these had previously received treatment and been discharged but the stammer has reappeared in response to situations of stress.

It has been possible to carry out a number of school visits when it was felt that contact with the school would be helpful to the treatment of the child.

The high number of failed appointments continues to disturb the therapists.

Total number of school children seen	103
Total attendances	737
Total number of pre-school children seen	39
Total attendances	155
Discharges — School children	55
Pre-school „	7
Total failed attendances	429

Crosshill Special School

For the first three months of the year the school was visited only fortnightly. However, in April Mrs. Hope began spending one morning each week in the school and supplemented this by an occasional afternoon visit which was used to assess newly referred children and to review those who had previously received regular treatment.

During the school holidays the parents were invited to bring the children to the Clinic but regrettably only a small proportion attended. In all 26 children have been seen and 10 discharged during the year.

Dame Evelyn Fox Special School

Regular weekly sessions were commenced in this school after Easter. Of the children seen it was considered that 10 of these would benefit from regular treatment and 21 needed to be kept under observation. Of the latter some are children in the special care group who may mature sufficiently to benefit from therapy in the future, and the rest are children who have received treatment and are now under review. Those receiving therapy are mainly in the 4-8 year age group.

Following discussions with the Physiotherapists and staff, a number of sessions were spent in the special care unit, demonstrating feeding methods for Handicapped children. This proved most interesting to all those present and has produced an improvement in the feeding of one or two of the children.

Blackamoor Special School

At the beginning of the year this school was only visited fortnightly, but after Easter it was possible to revert to the weekly visit. Altogether 8 children received regular treatment and 10 children were seen once or twice a term to check on their progress. During the year, more children were entering the school with language problems and it became necessary to see some of them in a group in an attempt to stimulate speech and language. Advice on this problem was also given to the teachers concerned.

General Comments

With the increase in staff during the year we began to function as a team once again. Staff meetings were held about every two months and we all benefitted from the interchange of ideas.

In preparation for the change-over to the new Area Health Authority in April 1974, we attended a number of meetings in Manchester and Preston and hope to play an active part in the new Organisation.

Mrs. J. Knight, L.C.S.T.
Mrs. E. Hope, B.Sc., (Speech)
Mrs. R. Banks, L.C.S.T.

AUDIOMETRY

During 1973, 10,390 children were tested with the following results :

Passed screening test 250-8,000 C.P.S.....	7567
Referred for further investigation	488
Failed	2335

Pupils known to have been provided with
hearing aids during the year

5

Hearing Aids provided in previous years ..

39

SCHOOL HEALTH SERVICE—CHIROPODY

Number of children seen	1483)
Number of treatments given	5835	) in clinics
Number of lectures given	3)
Number of children examined	4152	) in school
Number of children with defects	1288)

SECTION THREE

DENTAL INSPECTION AND TREATMENT

As in previous years, 1973 has been made difficult by staff shortages, numerous attempts by the Authority to attract Dental Officers to the Area having proved unsuccessful. In the circumstances and on advice from the Ministry, School Inspections have been limited to Infant and Junior Schools but even this method has fallen short of the target of Annual Inspection and follow up treatment. Senior Schools were not inspected during the year but numerous requests from senior pupils were met with as little delay as possible. A direct result of the lack of Routine Inspection was a heavy demand for emergency treatment which further encroached on the time available for routine treatment. A number of treatments using a new fissure sealant were carried out at Larkhill but positive results of this cannot yet be assessed. The Orthodontist attended 2 weekly sessions as before. Orders were placed for new equipment for the second surgery at Montague Health Centre to replace the old equipment transferred from Victoria Street.

I would like to thank the present staff for their co-operation and hard work during the year, and also Head Teachers and staff of the schools visited, whose co-operation at Dental Inspections is greatly appreciated.

J. Gregson, B.D.S.,
Senior Dental Officer

SCHOOL DENTAL SERVICE 1973

1. INSPECTIONS

	No. of pupils		
	Inspected	Requiring Treatment	Offered Treatment
(a) First inspection - school	4071	3473	2475
(b) First inspection - clinic	847		
(c) Re-inspection - school or clinic.	268	178	—
Totals	5186	3651	2475

2. VISITS (for treatment only)

	Ages 5—9	Ages 10—14	Ages 15 & over	Total
First visit in the calendar year	1670	1421	392	3483
Subsequent visits	1019	1362	517	2898
Total visits	2689	2783	909	6381

3. COURSES OF TREATMENT

Additional courses commenced	23	42	20	85
Total courses commenced	1670	1421	392	3483
Courses completed	—	—	—	3568

4. TREATMENT

Fillings in permanent teeth	508	1175	510	2193
Fillings in deciduous teeth	655	70	—	725

Permanent teeth filled	443	1059	471	1973
Deciduous teeth filled	594	65	—	659

Permanent teeth extracted	297	812	260	1369
Deciduous teeth extracted	2704	793	—	3497

Number of general anaesthetics	447	227	34	708
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Number of emergencies	836	586	157	1579
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Number of pupils X-rayed	62
Prophylaxis	53
Teeth otherwise conserved	426(Nuvaseal)
Teeth root filled	..	..	3
Inlays	..	..	Nil
Crowns	..	..	Nil

5. ORTHODONTICS

New cases commenced during the year	52
Cases completed during the year	20
Cases discontinued during the year	—
Number of removable appliances fitted	57 + 3 repairs
Number of fixed appliances fitted	3
Number of pupils referred to Hospital Consultants	Nil

6. DENTURES

Number of pupils fitted with dentures for first time:	Ages 5—9	Ages 10—14	Ages 15& over	Total
(a) with full denture	Nil	Nil	1	1
(b) with other dentures	1	17	14	32
Total	1	17	15	33

Number of dentures supplied
(first or subsequent time)

1	17	16	34
---	----	----	----

7. ANAESTHETICS

Number of general anaesthetics administered by Dental Officers . .

Nil

8. SESSIONS

	Administrative Sessions	Number of clinical sessions worked in the year					Total sessions
		School Service			M&CW Service		
		I'sp'tn at Sc'l	T'm'nt	Dental Health Ed't'n	T'm't n	Dental Health Ed't'n	
Dental Officers (including P.D.S.O.)	29	34	844	—	40	—	947
Dental Auxiliaries	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Dental Hygienists	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	29	34	844	—	40	—	947

9. DENTAL HEALTH EDUCATION

As in previous years, no Dental Health Education has been carried out by the dental staff due to lack of personnel, but instructions in oral hygiene have been given by Health Visitors in School.

On the 15th March a Public Meeting was held in the school and 'The Friends of Blackamoor Association' was formed. This organisation is already proving a valuable asset.

Mr. Harling completed a course at Liverpool University in July and was awarded the Advanced Diploma in Special Education with Distinction.

Miss Wilkinson retired in December. As a Headmistress and Teacher Miss Wilkinson will long be remembered, not only by the hundreds of pupils who have passed so successfully through her hands, but by all who have worked for and with her. Miss Wilkinson's early retirement is a blow to us all; her place can be filled but she herself, can never be replaced. To anyone who knows Miss Wilkinson her decision to leave teaching is understandable — she has given so much.

Frank Harling,
Headmaster

Partially Sighted Unit—Blackamoor

The year began with 15 children on roll, made up of 9 boys and 6 girls with an age range of 4 to 16+ years. During the year, two boys (aged 3 and 12 years) were admitted and 2 girls left. The latter had both attained the school leaving age of 16 years. One girl went to Mowbray Lodge Training Centre for a trial period to assess her suitability for employment without sheltered conditions, whilst the other, having obtained English and Typing certificates of the First Grade, was appointed to a position of office junior in her home town of Darwen. At the end of the year, therefore, there are still 15 children on roll made up of 11 boys and 4 girls with an age range of 4 years to 15+ years.

For the first 5 months of the year the Headteacher was away from the Unit due to major surgery and its after effects. Fortunately for the children in the Unit, his assistant mistress who took over his duties had had some 5 years consistent experience in the teaching of partially sighted children and had always been kept fully informed by him as to what was necessary to keep the Unit running with its usual efficiency.

This teacher is now on a year's secondment whilst on a course at Coventry. The teacher appointed to take her place has proved herself to be efficient and enthusiastic and is busy assimilating the necessary techniques peculiar to the teaching of visually handicapped pupils.

After some four years of preparation, the Vernon Report on the teaching, etc. of Visually Handicapped children has at last come into print and is doubtless being studied by everyone concerned. The Partially Sighted Unit at Blackamoor is a **Regional Unit** and serves an area within a ten mile radius of Blackburn itself. Further, following the reorganisation of local government on April 1st, 1974 it will be the only such Unit within this area which caters for day pupils only.

Finally, may I take this opportunity of expressing sincere thanks to many of the Education staff and the Medical staff (including all of its auxiliaries) for their help, courtesy and, indeed, forbearance over the years since, if and when my next report comes to be written, many will have, of necessity, left the services of Blackburn County Borough to serve elsewhere. The best wishes of the Partially Sighted staff for success and contentment in your appointments are sincerely offered to all of you.

H. H. EVANS, *Headmaster*,

SECTION FIVE HANDICAPPED PUPILS

Ascertainment

The arrangements for the ascertainment of pupils requiring special educational treatment are covered by regulation of the Minister of Education and Science and have been detailed in previous reports.

Special School Provision

There are three special schools provided by the Authority; a School for Delicate and Physically Handicapped Children, a Unit for Partially Sighted Pupils and Crosshill School for Educationally Subnormal Pupils.

Blackamoor Special School

Twenty-six children were admitted and nineteen discharged during 1973, one hundred and twenty-two children being in attendance at the end of the year. Of the twenty-six admissions sixteen were Blackburn children and ten were extra-district. The reasons for admissions were as follows:

Asthma	2
Cerebral Palsy	4
Congenital Heart Disease	1
Muscular Dystrophy	3
Hearing Defect	1
Speech Defect	2
Epilepsy	4
Post Accident	1
Fibrocystic Disease of Pancreas	1
Spina Bifida	1
Celiac	2
Congenital Abnormalities	1
Hydrocephalus	1
Post Poliomyelitis	1
Delicate	1

An assessment of the categories of handicap taken at the end of each of the last six years shows as follows:

	1968	1969	1970	1971	1972	1973
Delicate	83	37	17	11	10	6
Physically Handicapped ..	31	75	84	95	92	95
Epileptic	7	7	6	6	5	9
Partially Hearing	5	7	4	6	2	3
Maladjusted	6	5	7	6	5	4
Speech Defect	2	3	2	2	1	5
Partially Sighted	2	1	—	—	—	—
	136	135	120	126	115	122

The Partially Sighted are now totally catered for by the Partially Sighted Unit.

There were four thousand, five hundred and sixty visits to the Medical Room during the year.

Children treated by Physiotherapists were as follows:

	No. of children	No. of treatments
Cerebral palsy	8	168
Asthma	15	114
Spina Bifida	3	238
Fibrocystic Disease of the Pancreas ..	3	118
Congenital Dislocated Hip	1	2
Developmental Disorders	7	139
Muscular Dystrophy	5	82
Heart Condition	1	19
Skin Lesion	1	3
Foot Defect	1	12

Crosshill School

The average number of children on roll was over 170. Twenty-one left school for employment but extra admissions were made owing to the formation of an additional class for younger children. Because of this more children required special transport, but there has been an improvement with the change-over from taxis to coaches.

There are no outstanding events to report, the important part of the work being done here is that it follows a steady, continuous progression. On the social and sporting side of the school life there has been involvement again with other schools in the County. Children have achieved some notable successes particularly in athletics and cross country running. However satisfaction gained is by seeing boys and girls mix more normally in all sorts of situations, many of them in a rapidly maturing way.

As always the well-being of the school and pupils has been ably assisted by the close co-operation of Education, Health and Social Services departments.

A. ROBERTS, *Headmaster*.

Analysis of Special Schools to which Blackburn children were admitted

I regret it is not possible to supply this information for 1973-74 as since April, 1974, arrangements for residential special education have been made by the central office of the new Lancashire authority and all files and records were transferred to County Hall on the reorganisation of local government.

Analysis of Special Schools to which Blackburn Children have been admitted.

On 20th January, 1973 three hundred and twenty eight children (203 boys and 125 girls) were in special schools as follows:

	<i>Boys</i>		<i>Girls</i>
BLIND PUPILS			
Wavertree School, Liverpool	1	..	1
Worcester College for the Blind, Worcester.. ..	1	..	-
Royal School for Blind, Liverpool	1	..	-
Sunshine House, Southport	2	..	-
Henshaw's, Harrogate	1	..	-
PARTIALLY SIGHTED PUPILS			
Partially Sighted Class, Blackamoor	2	..	3
West of England School, Exeter	1	..	-
DEAF PUPILS			
Thomasson Memorial, Bolton	-	..	1
Royal Cross School for the Deaf, Preston	1	..	2
Northern Counties School for the Deaf	-	..	1
Royal School for the Deaf, Cheshire	1	..	-
PARTIALLY HEARING PUPILS			
Blackamoor Special School	1	..	-
Southport School for Partial Hearing	1	..	-
Thomasson Memorial School, Bolton	2	..	-
DELICATE PUPILS			
Blackamoor Special School	4	..	6
St. Dominic's, Godalming	1	..	-
St. Joseph's Cranleigh	2	..	-
EDUCATIONALLY SUBNORMAL PUPILS			
Crosshill	102	..	68
Crowthorn, Bolton	4	..	1
Oakfield, Liverpool	-	..	1
Eden Grove, Appleby	5	..	-
Woodville Special School	1	..	-
St. Christopher Trust, Glossop	1	..	-
Hargreaves House, Oswaldtwistle	-	..	1
Pontville, Ormskirk	1	..	-
Massey Hall, Warrington	-	..	1
St. Joseph's, Cranleigh	2	..	-
MALADJUSTED			
Blackamoor Special School	3	..	3
Badgeworth Court	1	..	-
Childscourt, Wincanton	1	..	-
Pitt House, Devon	4	..	-
Witherslack Hall,	1	..	-
Burnt Norton, Gloucester	1	..	-
Wessington Court	1	..	-
Massey Hall, Thelwell	1	..	-
EPILEPTIC PUPILS			
Blackamoor Special School	5	..	2
Maghull, Liverpool	1	..	1
Chilton School, Maghull	-	..	1
PHYSICALLY HANDICAPPED			
Blackamoor Special School	36	..	29
Margaret Barclay, Mobberley.. .. .	-	..	1
Bleasdale House	2	..	-
Chantrey School, Sheffield	-	..	1
Chailey Heritage, Lewes	1	..	-
Wellburn Hall Special School Kirbymoorside ..	-	..	-
Standish Hostel	1	..	-
Mere Oaks, Standish	1	..	-
Meath School, Ottershaw	1	..	-
Birtenshaw Hall, Bolton	1	..	-
SPEECH			
Blackamoor Special School	1	..	-
Thornbury Park	1	..	-
AUTISTIC			
Cranage Hall Hospital, Cranage	1	..	-

SECTION SIX

MISCELLANEOUS

Co-operation

Teachers, Parents, and School Welfare Officers have fully co-operated in the work of the School Medical Department. To all of them I would express my sincere appreciation.

Employment of Children and Young Persons

The Departmental Officers examined 152 children for employment during the year.

National Society for the Prevention of Cruelty to Children

I am indebted to Mr. T. Bamber for the following report:

During 1973 I have been privileged to be concerned with the welfare of 386 Blackburn children. In 35 cases the parents sought aid and advice with their problems. Officials of the Local Authority referred 40 families for my attention. The following figures indicate why some of the children needed the Society's help.

67 were being neglected
24 were severely ill-treated (inc. 5 Battered Babies)
33 were emotionally disturbed
118 were "at risk" but without specific symptoms

I am pleased to report that in the majority of cases, it was possible to relieve the deprivations, etc. through casework support. Some of the families require long-term support, and are still being supervised. It was necessary to implement Juvenile Court proceedings in respect of 4 children.

My colleagues and I will continue to do all that is necessary to assist children in trouble for whatever reason, our main aim being to keep the family intact.

May I take this opportunity to express my thanks to the Officials of the Local Authority for their invaluable support in achieving this most desirable objective.

T. Bamber, *Inspector*

School Meals Service

Meals supplied to children during the year 1st January to 31st December 1973.

Primary Schools	Free	273,388	Paid	1,149,976
Secondary Schools	Free	128,267	Paid	575,789
Special Schools	Free	20,337	Paid	39,050
Dame Evelyn Fox		13,453		
Nursery Schools		Nil		

DEPARTMENT OF EDUCATION AND SCIENCE

MEDICAL INSPECTION AND TREATMENT OF PUPILS ATTENDING MAINTAINED AND ASSISTED PRIMARY AND SECONDARY SCHOOLS

(Including Nursery and Special Schools)

GROUP A—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	No. of cases known to have been dealt with
External and other, excluding errors of refraction and squint	—
Errors of refraction (including squint)	1273
TOTAL	1273
Number of pupils for whom spectacles were prescribed ..	359

GROUP B—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	No. of cases known to have been dealt with
Received operative treatment—	
(a) for diseases of the ear	109
(b) for adenoids and chronic tonsillitis	162
(c) for other nose and throat conditions	71
Received other forms of treatment	—
Total	342
Total number of pupils in schools who are known to have been provided with hearing aids	
(a) in 1972	5
(b) in previous years	39

GROUP C—ORTHOPAEDIC AND POSTURAL DEFECTS

	No. of cases known to have been dealt with
(a) Pupils treated at clinics or out-patient departments	133
(b) Pupils treated at school for postural defects ..	3
Total	136

GROUP D.—DISEASES OF THE SKIN

	No. of cases known to have been dealt with
Ringworm—(i) Scalp	—
(ii) Body	—
Scabies	303
Impetigo	—
Other skin diseases	—
TOTAL	303

GROUP E.—CHILD GUIDANCE TREATMENT

Number of pupils treated at Child Guidance Clinics under arrangements made by the Authority	68
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GROUP F.—SPEECH THERAPY

Number of pupils treated by Speech Therapists under arrangements made by the Authority ..	110
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GROUP G.—OTHER TREATMENT GIVEN

(a) Pupils who received convalescent treatment under School Health Service arrangements ..	Nil.
(b) Pupils who received B.C.G.	1206
(c) Others—	
1. Orthoptics*	864
2. Sunlight	16
3. Cleansing (Heads)	247
4. Chiropody	1478
5. Audiometry	9543
TOTAL (a—c)	13354

* In addition 1066 Lancashire County Council pupils were dealt with during the year.

